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VAUGHAN'S SEED STORE

62.83

84-86 RANDOLPH ST.
CHICAGO

HYACINTH
L'INNOCENCE

VAUGHAN
CHICAGO-NEW YORK

AUTUM
1904

Collections of Hyacinths and Tulips for Bedding

In early spring nothing makes a more beautiful show than a well-planted bed of Hyacinths or Tulips when in full bloom. These bulbs are of easy culture, require very little protection during winter and are sure to give satisfaction. In order to assist those of our customers who are not familiar with the arranging of beds, we offer the following collections. These will be filled with the same high-grade bulbs listed elsewhere in this Catalogue, and care will be taken that only such varieties as will flower at the same time and be of the proper height shall be selected. We shall also be pleased to advise our customers with regard to other shapes and designs of beds which they may have, giving full particulars as to number of bulbs required and price on receipt of size.

HYACINTHS

COMBINATION NO. 1. Contains 100 bulbs, four choice colors; sufficient to plant a round bed 5 feet in diameter, planted 6 inches apart. Price, our selection Named Hyacinths, listed on page 2, $7.50 by express, at purchaser's expense. If filled with Vaughan's Fancy Bedding Hyacinths listed on page 3, $4.75 by express at buyer's expense.

COMBINATION NO. 2. Contains 200 bulbs; sufficient to plant a square bed 6 feet across with three colors, planted 6 inches apart. Price, our selection of Named Hyacinths, as listed on page 2, $14, by express at buyer's expense. If filled with Vaughan's Fancy Bedding Hyacinths, as listed on page 3, $9 by express, at buyer's expense.

COMBINATION NO. 3. Contains 60 bulbs; sufficient to plant a bed 5 feet long and 3 feet wide with one solid color, planted 6 inches apart. Price, our selection Named Hyacinths, customer's selection of color, $4.80. If filled with Vaughan's Fancy Forcing Hyacinths, $3 by express, at buyer's expense.

TULIPS

COMBINATION NO. 4 (Single Tulips, solid colors). Contains 200 Tulips in four named varieties; sufficient for a bed 15 feet in circumference, 5 feet across, planted 4 inches apart. Price, $4 by express, at purchaser's expense.

COMBINATION NO. 5 (Single Tulips, solid colors). Contains 275 Tulips in four named varieties; sufficient for a bed 5 feet across by 6½ feet long. Price, $5 by express, at purchaser's expense.

COMBINATION NO. 6 (Double Named Tulips). Contains 200 bulbs in four colors; sufficient to plant a bed 5 feet long by 3 feet wide. Price, $4 by express, at purchaser's expense. This collection is sure to please.

COMBINATION NO. 7 (Double Named Tulips). Contains 150 bulbs in two colors; will plant a bed 5 feet long by 3 feet across. Price, $3 by express, at purchaser's expense. This collection is a bargain at the price named.

FREE to purchasers of the above collections, the book "Flower Bulbs and Their Culture," if asked for at the time of ordering.

VAUGHAN'S WORLD'S FAIR HYACINTH BED

The above illustration represents an eight-foot (circumference) bed planted with 50 bulbs of L'Innocence Hyacinth, a beautiful variety, pure white in color and of large truss. In order to overcome the somewhat stiff effect of the Hyacinth, Pansies have been planted between the bulbs and the result is certainly very fine. Such a bed as this will brighten up the lawn in early spring at a very small cost. In order to reproduce the same effect as shown in the illustration, we will supply only L'Innocence bulbs for this bed. We offer same in three sizes.

PRICE

50 Mammoth Bulbs	**$3 50**
50 Large Bulbs	**2 75**
50 Medium Bulbs	**2 00**

By express at purchaser's expense

VAUGHAN'S WORLD'S FAIR TULIP BED

This beautiful bed, as illustrated below, is 30 feet in circumference and requires 685 bulbs planted 4 inches apart, the first four rows being filled with L'Immaculee, pure white, and the center rows with Belle Alliance, scarlet. As the L'Immaculee grows about two inches taller than the Belle Alliance, the bed should be raised toward the center. If this precaution is taken the effect will be very fine.

Price, 685 bulbs, 340 L'Immaculee, 345 Belle Alliance, for $9. If Artus is substituted in place of Belle Alliance, price will be $6. By express at purchaser's expense.

VAUGHAN'S HOUSE COLLECTION. This collection is composed of bulbs specially suitable for house culture, and will give an abundance of bloom during the winter months.

Price of this collection, 50 bulbs, $1.15, postpaid

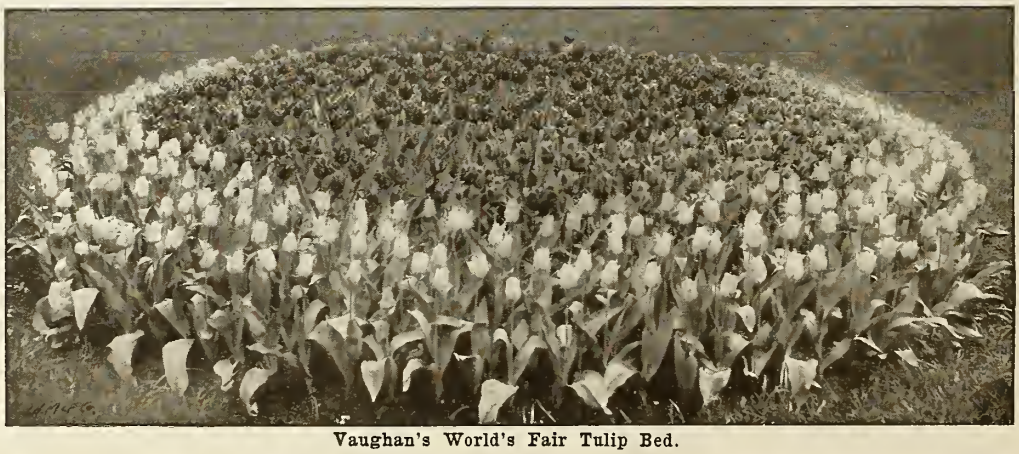
3 Named Hyacinths.
6 Dutch Roman Hyacinths.
3 Van Sion Narcissus.
6 Tulips, Duc van Thol, White, Scarlet and Yellow.
6 Double Tulips, Tournesol, Red and Yellow.
2 Daffodils, Horsfieldii.
12 Bermuda Buttercups, Oxalis.
12 Freesia refracta alba.

VAUGHAN'S HARDY BORDER COLLECTION

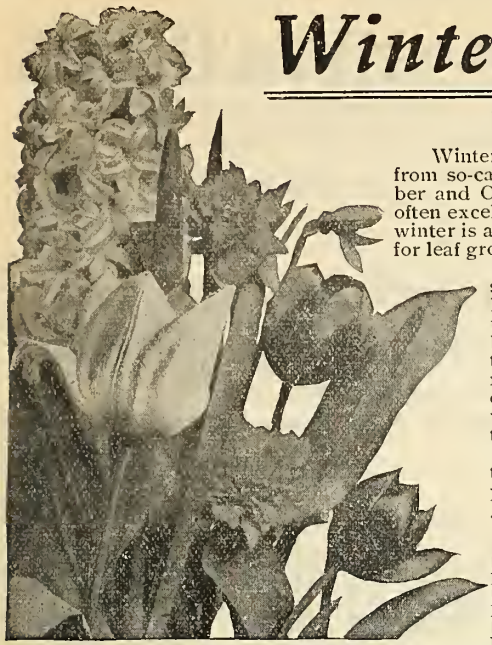
We have selected varieties which will grow well in a border where other permanent plants are growing, blooming in succession during the early spring, when other flowers are scarce.

Price for 300 bulbs $3.25, by express, at purchaser's expense,

50 Grape Hyacinths,
25 Late-flowering Tulips, Gesneriana.
25 Darwin Tulips, Mixed.
50 Double Narcissus, Alba plena.
15 Double Narcissus, Orange Pœnix.
50 Single Narcissus, Princeps.
10 Hardy Lilies, assorted.
50 Snowdrops, Single.
25 Triteleia uniflora.



Vaughan's World's Fair Tulip Bed.



Winter and Spring Flowers

FOR INDOORS AND THE GARDEN

Winter flowers indoors and early spring flowers for the garden and lawn are grown from so-called "fall bulbs," and these should be secured and planted during September and October. A most interesting class of plants. In beauty and fragrance these often excel the choicest summer flowers. The contrast of this indoor garden with stormy winter is a constant pleasure. As these bulbs contain in themselves stored up material for leaf growth and flowers, their cultivation needs little care.

Our importations of these bulbs and plants from Europe are made with special reference to the needs of private conservatories, commercial greenhouses and others who desire the most reliable qualities obtainable, for those who produce the flowers for pleasure or for profit, rather than for selling the bulbs themselves. The bulbs we offer will, under proper treatment, produce the best flowers that grow. We strive with each new edition of this book to make plainer the use of these, and tell how beds and borders can best be laid out and planted. This makes easy a task formerly difficult. With the details we give here every customer should be able to select and order readily without the aid of a gardener, and therefore with an added pleasure to the final result.

Should you need further suggestions or plans, we shall be glad to supply them on receipt of some particulars from you regarding size of beds to be planted, effect desired, amount to be expended, etc.

Our book "How to Grow" with each order.

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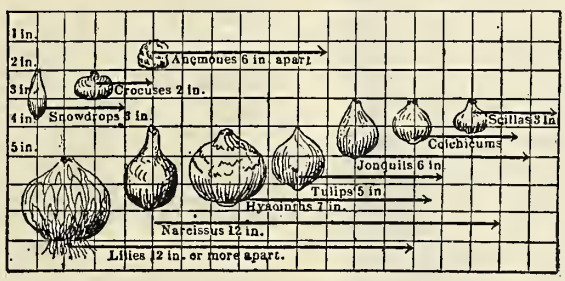
Depth at Which Bulbs Should be Planted

Many of our customers are frequently puzzled to know the proper depth and distance apart at which bulbs should be planted. The accompanying diagram, reproduced from *Popular Gardening*, conveys the information much more clearly and briefly than we could describe it. The chart will bear careful study. **Outdoor planting should be done early** in the fall to secure healthy plants, vigorous foliage and beautiful flowers.



SPECIAL DISCOUNT

Save Money by getting your neighbors to combine their orders with yours and take advantage of the liberal discounts offered below:

For $1	you may select to the amount of					$1.05
" 2	"	"	"	"	"	2.12
" 3	"	"	"	"	"	3.21
" 4	"	"	"	"	"	4.32
" 5	"	"	"	"	"	5.45
" 6	"	"	"	"	"	6.57
" 8	"	"	"	"	"	8.75
" 10	"	"	"	"	"	11.00

On larger orders we will give proportionate discount. **Please remember** the above discounts apply to Bulbs and Plants only.

BUSINESS RULES—PLEASE READ CAREFULLY

How to Order. We do not send seeds, plants or bulbs C. O. D. Write your name, post office, state and express office plainly on every order and every time you write us. Give plain shipping directions; where none are given we use our best judgment, at your expense and risk.

Prepaid. Prices given in this Catalogue usually include prepayment by mail on **bulbs** and **plants** (not tools, unless so marked) except where offered "by express," or marked otherwise, then the purchaser is to pay charges.

Cost of Remitting. Our customers may select additional bulbs **free**, with every order of $1 or more, to the amount of the cost of the money order, registered letter, or other remittance.

Very Important. You can aid us by using order sheet, as follows:

1. Place the quantity wanted before each article.
2. Use one line for each kind ordered.
3. As nearly as possible make out your list in the same order in which the goods are catalogued, beginning at the front.

Prompt Delivery. If goods are not received in a reasonable time, send exact copy of order, date sent, stating amount of enclosure, kind of remittance (draft or money order), and the same will be investigated. Remember, sometimes in the busiest season others may have orders ahead of you, which must be filled in rotation. Order early.

Errors. If stock is not as expected, compare with order, read Catalogue rules carefully, and if we are in the wrong write us at once, giving all particulars as in preceding paragraph, but please do not complain to others until we have had a chance to rectify or explain matters.

Time of Sending. Not all fall bulbs are ready at the same time, but nearly all the Dutch and French importations are in the store by September 15. The following table gives approximate dates of arrival:

September 1, *Lilium candidum*, Roman Hyacinths, *Lilium Harrisii*, Freesias, Narcissus, Peonies. **September 15,** Hyacinths, Tulips and other Dutch bulbs, Callas. **October 20,** full supply of Lilies, Chinese Narcissus, Dahlias, and Gladiolus. **November 10,** Spirea and Lily-of-the-Valley, new crop of Tuberoses.

How to Pay. Send cash with order (as we do not open book accounts for small amounts, and can only send to value of money received) by New York or Chicago Draft, Registered Letter, Money Order, Express Order; in any of these ways at our risk. Postage stamps in small amounts are taken as cash, but they must be sent so they will not stick together. Registered letters are generally very safe, and you can send that way from any post office and get our receipt by return mail.

Head Gardeners' and Farmers' Situations. We keep a list both at our New York and Chicago stores of practical gardeners and farmers who are proficient in their various departments and competent to give satisfaction to any lady or gentleman requiring such. If parties desiring such will write us, giving particulars as to what kind of a man they want, we will put them in communication with suitable men.

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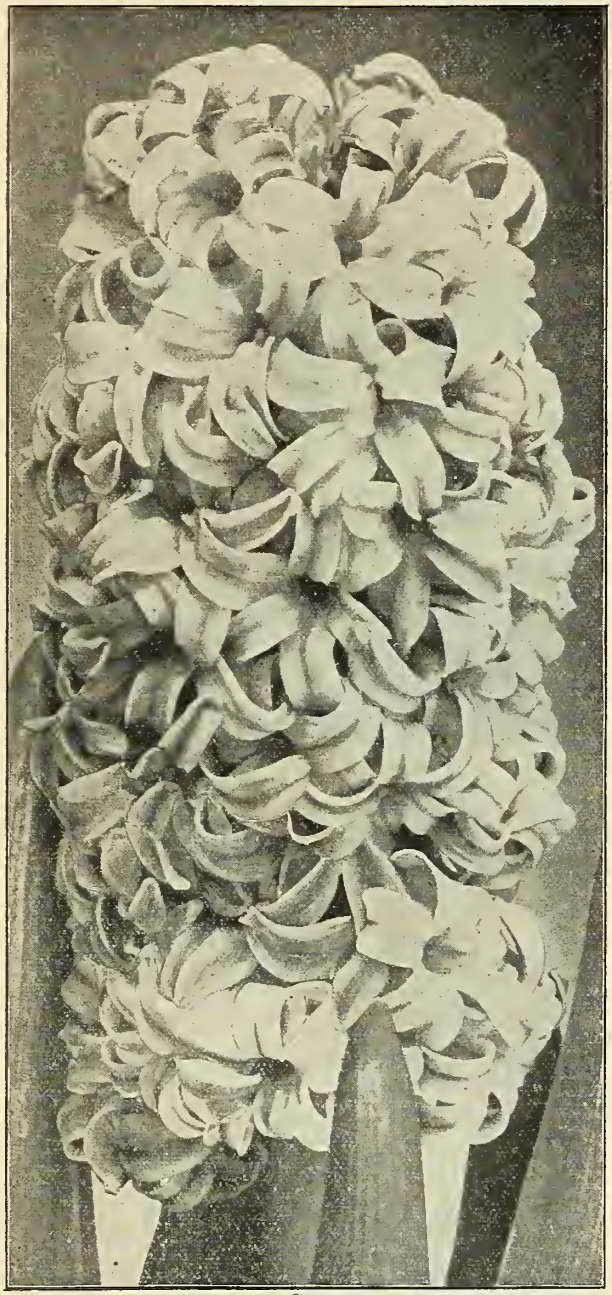


Single White La Grandesse.
Grown from Vaughan's Netherland's "Top Roots"

SINGLE YELLOW

	Each	Doz.	100
Alida Jacoba. Dark; medium early	$0 10	$0 95	$6 75
Hermann. Orange-buff; late	11	1 15	8 75
Ida. Pure; early	11	1 10	8 50
King of the Yellows. Extra; medium early	12	1 25	9 50
La Citronlere. Lemon; late	11	1 10	8 00
La Pluie d'Or. Bright; medium early	10	95	7 00
L'Or d'Australie. Pure; late	11	1 10	8 00
Sonora. Large; yellow; good truss	14	1 30	9 75

SPECIAL OFFER "A." We will mail, postpaid, to any address, for 55 Cents, the following 6 Single Named Hyacinths (first-size bulbs):

Gigantea. Light pink.
Gertrude. Dark rose.
Baroness van Thuyll. Pure White.
Madam Vanderhoop. Blush white.
Czar Peter. Light blue.
Grand Maitre. Dark blue.

This collection consists of the best 6 Hyacinths especially adapted for pot or water culture, and would cost 75 cents at list prices.

Named Dutch HYACINTHS

The Hyacinth easily takes the lead as being the most popular winter-flowering bulb. Its easy culture in pots, glasses or outdoors makes it a general favorite. The varieties offered have been selected for their beautiful colors, large spikes and fragrance.

Varieties marked * are best for growing in water, as per illustration on opposite page. While they do not give best results when produced in this manner, it is, however, quite a novelty to grow them in this way, and they will give fair-sized spikes.

For full cultural instructions, see our book "Flower Bulbs and Their Culture," free with every order amounting to $1 or over, if asked for at time of ordering.

VAUGHAN'S NETHERLAND'S "TOP-ROOTS"

During the harvesting of the Hyacinth bulbs in Holland it is found that a few varieties produce a limited quantity of what is known as "top-roots." These bulbs are of enormous size, and will throw magnificent spikes of flowers. We have been successful this year in securing a quantity from our grower, and have pleasure in offering these in the following varieties:

SINGLE RED AND ROSE

Fabiola. Salmon-pink.
Gertrude. Dark rose.
Lord Macaulay. Soft red.
Moreno. Pink.
Norma. Pink.
Rosea Maxima. Rose.
Robert Stelger. Crimson.

SINGLE WHITE

Baroness van Thuyll. Fine spike.
L'Innocence. Pure white
Grandeur a Merveille. Blush.
La Grandesse. Best white.
La Franchise. Waxy white.
Paix de l'Europe. Pure.
Madam Vanderhoop. Late.

SINGLE BLUE

Czar Peter. Light.
Grand Lilas. Fine spike.
Grand Maitre. Dark porcelain.
King of the Blues. Dark.
Marie. Large spike.
Schotel. Large bells.
Queen of the Blues. Light; fine spike.

Price of any of the above, 20 cts. each, $2 per doz., $15 per 100, by express at buyer's expense

FIRST SIZE SELECTED BULBS

If to go by mail, add at the rate of 20 cents per dozen for postage
Prices on single bulbs include postage

SINGLE RED AND ROSE

	Each	Doz.	100
*Baron van Thuyll. Rose; early	$0 11	$1 10	$7 75
Cardinal Wiesman. Rose; large truss; late	20	2 25	17 50
Charles Dickens. Large spike; rose	12	1 15	8 00
Fiancee Royal. Bright red; late	11	1 10	7 70
Fireball. Early; very fine; dark	12	1 15	8 00
General Pelissier. Deep crimson	11	1 00	7 50
*Gertrude. Dark rose; medium early	11	1 00	7 50
Gigantea. Blush; medium early	11	1 00	7 25
*Lord Macaulay. Soft red; late	12	1 20	8 00
Le Prophete. Fine pink	10	95	7 15
*L'Ornament Rose. Medium; pink; very large truss	18	1 90	15 25
Maria Cornelia. Light rose	14	1 25	8 00
Moreno. Pink; broad spike. New	14	1 25	8 50
*Norma. Large; pink; early	10	90	6 75
*Robert Stelger. Crimson; medium early	10	85	6 50
Rol des Belges. Dark red; early	11	1 00	7 35
Rosea Maxima. Rose; large truss; late	15	1 40	10 00

SINGLE WHITE

*Alba superbissima. Best for Easter	12	1 15	8 00
Angenis Christine. Pure white; early	15	1 60	12 00
*Baroness van Thuyll. Early; good spike	11	1 10	7 75
Blanchard. Large; pure; early	12	1 25	8 50
Grandeur a Merveille. Blush; late	11	1 00	7 50
Grand Valnqueur. Pure; early	12	1 15	8 00
La Franchise. Waxy white; late	10	85	6 35
*La Grandesse. Pure; medium early	15	1 50	11 00
Leviathan. Late; large flower; pure white	12	1 25	9 50
*L'Innocence. Early; pure white	12	1 20	8 50
Madam Vanderhoop. Late	14	1 25	9 50
Mont Blanc. Pure; large spike; late	15	1 50	11 00
Paix de l'Europe. Pure; late	11	1 10	8 00
Pavillion Blanc. White	12	1 15	8 25
Queen Victoria. Pure; late	13	1 25	8 50
Voltaire. Blush; late	10	95	7 00

SINGLE BLUE

Baron van Thuyll. Bright; good spike; early	10	90	7 00
Blondin. Porcelain; early	11	1 10	7 75
Charles Dickens. Porcelain, shaded purple	11	1 00	7 50
Czar Peter. Light; handsome flower	12	1 20	9 25
Grand Maitre. Dark porcelain; medium early	11	1 00	7 50
King of the Blues. Dark; medium early	10	95	7 35
Le Peyrouse. Porcelain; late	11	1 00	7 50
Leonidas. Bright; early	11	1 00	7 75
Lord Byron. Late; large truss	18	1 90	15 20
Lord Derby. Medium; porcelain	18	1 90	15 20
Marie. Dark; large spike; medium early	10	90	7 00
Pieneman. Dark porcelain; medium early	11	95	7 35
Queen of the Blues. Light; fine spike	14	1 25	9 00
Regulus. Light, dark-striped; early	10	85	6 50
William I. Dark velvety; early	11	1 10	8 00

NAMED DUTCH HYACINTHS, continued

First Size Selected Bulbs

DOUBLE RED AND ROSE

	Each	Doz.	100
Bouquet Royal. Pink; fine spike; early	$0 11	$1 00	$7 50
Bouquet Tendre. Carmine	10	95	7 25
Czar Nicholas. Rosy blush; late	11	1 00	7 50
Gladstone. Pink; late	10	95	7 50
Princess Alexandria. Dark rose; late	12	1 15	9 00

DOUBLE WHITE

Bouquet Royal. Pure; fine spike	11	1 00	7 70
La Deesse. Pure; early	12	1 10	8 00
La Tour d'Auvergne. Large spike	11	1 00	7 70
La Virginite. Blush; late	11	95	7 25

DOUBLE BLUE

Blocksberg. Porcelain; medium early	11	1 10	8 00
Charles Dickens. Early	10	95	7 25
Garrick. Clear; large spike; medium early	10	95	7 25
General Antinck. Light; forces early	10	95	7 25
Prince Albert. Dark; very early	11	1 00	7 50
Prince Saxe Weimar. Semi-double; late	11	1 10	8 00

Vaughan's "Fancy" Bedding Hyacinths.

Vaughan's "Fancy" Bedding and Forcing Hyacinths

We import each year a grade of Mixed Hyacinths, for which we pay a high price; these bulbs equal in size the named varieties offered by many dealers, and are sure to give satisfaction to all who use them. We offer these bulbs in separate color mixtures, each shade being mixed from varieties which will bloom at the same time, making them very desirable for bedding purposes. For those who do not wish to pay the high price for named varieties, we especially recommend this grade for growing in pots. We offer this "Fancy" strain in single varieties only.

Add 1 cent per bulb, or 12 cts. per doz., to prices named below, for postage.

	Each	Doz.	100	1,000
Blue, all shades	$0 07	$0 70	$5 00	$45 00
Light Blue	07	70	5 00	45 00
Red and Rose	07	70	5 00	45 00
Rose	07	70	5 00	45 00
Pure White	07	70	5 00	45 00
White, all shades	07	70	5 00	45 00
Yellow	07	70	5 00	45 00
All Colors Mixed	06	60	4 75	42 00

Vaughan's "Ordinary" Mixture Bedding Hyacinths

We offer under this heading a grade of bulbs which are of good size, such as can be used for general bedding or grown for cut-flowers. If specimen spikes are wanted, however, we recommend the use of named sorts only.

Add 1 cent per bulb, or 12 cts. per doz., to prices named below for postage.

SINGLE VARIETIES

	Each	Doz.	100	1,000
Blue, all shades	$0 06	$0 50	$3 50	$32 00
Light Blue	06	50	3 50	32 00
Red and Rose	06	50	3 50	32 00
Rose	06	50	3 50	32 00
Pure White	06	50	3 50	32 00
White, all shades	06	50	3 50	32 00
Yellow	06	50	3 50	32 00
All Colors Mixed	05	45	3 25	30 00

DOUBLE VARIETIES

	Each	Doz.	100	1,000
Blue, all shades	$0 06	$0 55	$3 75	$35 00
Light Blue	06	55	3 75	35 00
Red and Rose	06	55	3 75	35 00
Rose	06	55	3 75	35 00
Pure White	06	55	3 75	35 00
White, all shades	06	55	3 75	35 00
Yellow	06	35	3 75	35 00
All Colors Mixed	05	50	3 50	32 00

HYACINTH GLASSES

Hyacinths can be easily grown in water, and it is rather a novelty to grow them in this way. We offer the following two kinds of glasses to be used for this purpose:

	Each	Doz.
Belgian, Tall	$0 15	$1 65
Tye Shape	25	2 50

Tye Shape.

Tall Belgian.

"Victory" Collection of Christmas-Blooming DUTCH HYACINTHS

Comprising 12 of the choicest and most fragrant named early-blooming Dutch Hyacinths, as follows:

4 Czar Peter (clear blue), **4 Gertrude** (clear rose),
4 La Grandesse (purest white).

Mailed postpaid for 70c. One-half of this collection for 40c., postpaid.

The above varieties of Dutch Hyacinths are grown in great quantities by florists throughout the country for Christmas blooming. Owing to the fact of these bulbs having matured in Holland at an earlier period than the ordinary stock they can readily be brought into bloom at the above time providing bulbs are planted in September.

This is positively the finest collection of early-flowering Named Dutch Hyacinths ever offered for the money.

Bulb or Fern Pans.

VAUGHAN'S "INDOOR" COLLECTION

For this collection we have made a selection of the best bulbs suitable for pot culture and especially chosen with a view to having a succession of bloom during the dull winter months. We offer this choice collection mentioned below for **75 cts.**, postpaid.

5 Freesia refracta alba, extra size bulbs.
5 Allium Neapolitanum.
5 Oxalis, Buttercup.
2 Bermuda Easter Lilies, large size.
3 Daffodils, Poeticus ornatus.
3 Jonquils, Single Sweet-scented.
5 Crocus, Mammoth Yellow.
3 Golden Sacred Lilies.
3 Dutch Named Hyacinths, Pink, Blue, White.
1 White Calla Lily.

BULB OR FERN PANS

These are being used largely every year for bulbs, being neater and better adapted for bulb-growing than the ordinary flower pot. Owing to their width a fine show can be made with the smaller-sized bulbs, such as Roman Hyacinths, Tulips, etc., as they will hold twice as many bulbs as a pot of the same size.

	Doz	100		Doz.	100
5-inch	$0 60	$2 85	8-inch	$1 50	$9 75
6-inch	75	4 25	10-inch	2 15	13 50
7-inch	1 15	7 25	12-inch	3 00	

Single Dutch Hyacinth.
Growing in water.

French Roman, or Christmas HYACINTHS

French Roman Hyacinths.
Showing White, Dark Rose, Light Rose and Blue.

Prices on single bulbs are postpaid
Dozen lots, if wanted by mail, add 8 cents per dozen for postage

There are no more popular winter-blooming bulbs than **French Roman Hyacinths,** millions of them being grown each season, principally by florists for the cut-flower markets. They are certain to bloom in the house, and may easily be grown by the most inexperienced, in pots of soil or in water and pebbles—planted in September they flower at Christmas or sooner. A succession can be kept up by potting bulbs at intervals. Three bulbs can be planted in a 5-inch pot. Most bulbs throw up from three to five spikes of bloom, which do not all come to perfection at the same time, thus prolonging the flowering season. The flowers are dainty, graceful and delightfully fragrant. Since our importation of these exceed one-half million bulbs each season, we are able to select some extra fine stock for our customers. **Each order should include at least a few of these bulbs.**

	Each	Doz.	100
Single Blue	$0 05	$0 45	$3 25
" **White.** First size bulbs	05	50	4 00
" " Extra large bulbs	07	60	4 75
" **Yellow**	10	1 00	7 50.
" **Light Pink**	05	45	3 50
" **Dark Rose**	05	45	3 50

White Italian Roman Hyacinths

This variety is later in flowering than the ordinary French Roman, and are therefore valuable for succession of bloom; very fragrant and free-blooming. 5c. each, 45 cts. per doz., $3.50 per 100.

Special Offer B

One each of the above 6 varieties of Roman Hyacinths, 30 cts.; 3 each, 18 bulbs, 75 cts., postpaid.

Dutch Roman, or Miniature Hyacinths

These Hyacinths are excellent for growing in pots, pans or boxes, and coming into flower after the French Roman Hyacinths, they will give a continuous bloom if planted at the same time. They bloom very freely, the spikes being smaller than named Dutch Hyacinths, but equally fragrant and beautiful. For pot culture we recommend named varieties, but the mixed shades will also give good results.

	Postpaid Each	Postpaid Doz.	Not postpaid 100
Gigantea. Blush pink	$0 07	$0 70	$4 00
Gertrude. Clear rose	07	70	4 00
Baroness van Thuyll. Snow-white	07	70	4 00
La Grandesse. Purest white	07	70	4 00
Czar Peter. Light blue	07	70	4 00
Grand Maitre. Dark blue	07	70	4 00

SPECIAL OFFER. One each of above 6 named varieties for 35 cts., postpaid.

SEPARATE COLORS

	Postpaid Each	Postpaid Doz.	Not postpaid 100
Pure White	$0 05	$0 45	$2 75
Blue	04	40	2 50
Light Blue	05	45	2 75
Red, all shades	04	40	2 50
Rose	05	45	2 75
Mixed, all colors	04	40	2 50

The above are excellent for either house culture or bedding out. Sometimes offered under the name of mixed grade by unscrupulous dealers.

SPECIAL OFFER C. **6 French Roman Hyacinths,** one each of six varieties listed on this page, and **6 Dutch Roman Hyacinths,** one of each of six named varieties listed on this page, **postpaid for 60c.** This collection at list-prices would cost 80c.

Miniature Hyacinth, La Grandesse.

GRAPE HYACINTHS

HARDY AS AN OAK
SPLENDID FOR NATURALIZING

These exquisite little flowers are most fragrant and showy, and when planted in masses the effect is dazzling in the extreme. Once planted in the garden or lawn, they will soon multiply and send up flower-stems by the score each year. As a house plant they are of equal worth; planted six in a 5-inch pot and treated in the same way as Dutch Hyacinths, they will well repay all the care bestowed upon them.

Improved Blue. 5 cts. for 3, 15 cts. per doz., 75 cts. per 100, postpaid.
Snow-White. This is a beautiful companion to the above, and they make a striking show when planted together. 5 cts. for 2, 20 cts. per doz., $1 per 100, postpaid.

Vaughan's White Calla

This general favorite is one of the easiest bulbs to grow, and gives excellent results with very little care or attention. We make special arrangements with growers in California for these bulbs, having whole fields grown for us each year, and as a result we are able to select the best bulbs only for our retail trade. We recommend planting the large-sized bulbs, as they will give much better results both in number of flowers and strength of growth. After the plant has flowered and the leaves have died down it can be allowed to dry up and restarted in September of the following year by simply repotting in fresh soil.

First size. 15 cts. each, 40 cts. for 3, postpaid; $1.25 per doz., $4.50 for 50, by express at buyer's expense.

Select size. 25 cts. each, 60 cts. for 3, postpaid; $2 per doz., $7 for 50, by express at buyer's expense.

Mammoth, or Jumbo size. 40 cts. each, $1 for 3, postpaid.

Vaughan's White Calla.

VAUGHAN'S NEW PROLIFIC CALLA

This splendid novelty, while much like the common Calla, has such definite points of added merit that it is, in our opinion, sure to take the place of the old variety. The flowers are large and snow-white in color, and a good plant will produce three times as many flowers as other Callas. This, together with the fact that the plant grows about 6 inches shorter, makes it an ideal pot-plant for house or window culture. We know of no bulb that is more easily grown than the ordinary Calla, and with a very free-flowering habit and compact growth, this new variety will become very popular and have an enormous sale when its merits become fully known. 50 cts. each, $1.35 for 3, $5 per doz.

SPOTTED-LEAF CALLA

This variety is similar to the well-known White Calla, but has glossy dark green foliage, beautifully spotted with white, making it a splendid ornamental plant even when not in bloom. The flowers are pure white with a dark throat; it makes an exceedingly valuable decorative plant when bedded out in summer. 15 cts. each, 25 cts. for 2, $1.25 per doz.; extra large bulbs, 25 cts. each, 60 cts. for 3, postpaid.

BLACK CALLA

A peculiarity of this bulb from the Holy Land is that it is strictly a winter bloomer, producing enormous coal-black flowers of a brilliancy that is indeed striking. The bulbs should be potted as soon as received and set away in a dark, cool place until they have made root-growth, when they can be taken to the light. We have imported direct from Palestine an immense stock of this odd plant. Large bulbs, 15 cts. each, 50 cts. for 4; mammoth bulbs, 20 cts. each, 75 cts. for 4.

RED CALLA

MONARCH OF THE EAST

A very remarkable bulbous flower which attracts immediate attention. The flowers, which are curiously formed, are spotted dark red on a yellowish orange ground and are entirely different from any other in coloring and shape. The only treatment necessary is to place the bulb on a table or shelf in a warm room or greenhouse. Very soon the bulb begins to show a head and within a week or two a curiously formed flower 16 to 18 inches long develops. After flowering, the bulb can be planted outside in a moist and sheltered position in spring, where it will throw up elegant dark green wide expanded foliage. Bulbs ready in November. Large size bulbs, 20 cts. each, $2 per doz., postpaid.

Red Calla.

LITTLE GEM CALLA

A beautiful dwarf variety rarely exceeding 12 inches in height but very free-flowering. The flowers are about half the size of the common variety, making it valuable for cut flowers. It makes a splendid pot-plant. Dry bulbs, 10 cts. each, $1 per doz.

YELLOW CALLA

NEW HYBRID

The result of a cross between one of the rare yellow Callas and the well-known white-flowered spotted-leaved *Richardia maculata*. It has the foliage, the vigor, the propagating and free-blooming qualities of its white parentage, while the color of the large fragrant flowers is a beautiful canary-yellow, with an intense purple base inside. It was originated by Dr. W. Van Fleet, of New Jersey, and is an especially valuable bulb for summer bedding, the effect in masses being distinct and brilliant. It is also a very desirable conservatory and aquarium plant, very healthy and a ready bloomer. Bulbs ready in November. 30 cts. each, $3 per doz.

FLOWERS FOR SIX WEEKS can be had in early spring by planting a clump of Snowdrops, Blue Scilla, and Blue Grape Hyacinths. These bloom in succession, the Snowdrops leading, and furnish a spot of color for six weeks, and at a time when flowers are most welcome in the garden.

SPECIAL OFFER "M"

We will mail, or send by prepaid express, 25 each of the above three kinds for 65 cents. 100 each for $2.25.

Just a few lines to let you know that the collection of assorted colors, single Hyacinth bulbs, that I got of you several years ago are still doing fine. They are in bloom in the open garden at the present writing, and must say that they are the finest I have ever seen. Have just measured one of the light blue ones and the blossom is two inches across; one of the pink ones has six flower-spikes from a single bulb. Last year one of them had six spikes, and at least a third of the bulbs had two, three, four and five flower-spikes.

The bulbs were the largest I have ever seen, being about three inches in diameter. I am so well pleased with them that I think I'll have to get some more white and cream-colored ones this next fall.—L. S. WRIGHT, Portland, Oregon.

VAUGHAN'S WOODLAND COLLECTION

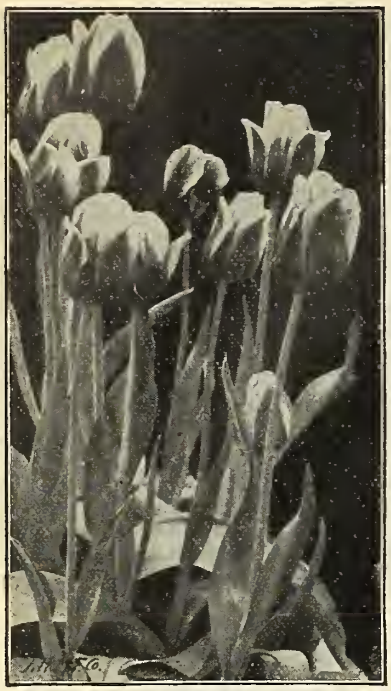
To meet the popular demand for a selection of hardy bulbs suitable for naturalization in lawns, terraces or wooded places where they can be planted and left to themselves, coming up each year at the first sign of spring, we offered this collection for the first time last season, and as it met with great success we are offering it again this year with enlarged quantities and added varieties which we know will give satisfaction. The price has been reduced considerably, and the collection in every way is a bargain.

Price of the entire collection, or 400 bulbs, $2.25 by express, at purchaser's expense. One-half the collection, or 200 bulbs, $1.25. One-fourth the collection, or 100 bulbs, 85 cts. by mail, postpaid.

THE COLLECTION CONSISTS OF

100 Single Snowdrops.
100 Crocus, Giant-flowered Mixed.
40 Scilla Sibirica.
40 Grape Hyacinths, Blue.
20 Narcissus Poeticus and Alba plena.
20 Chionodoxa, or Glory-of-the-Snow.
60 Spanish Iris, Mixed.
20 Triteleia uniflora.

Black Calla.



Keizerkroon.

Single Large-Flowering Tulips

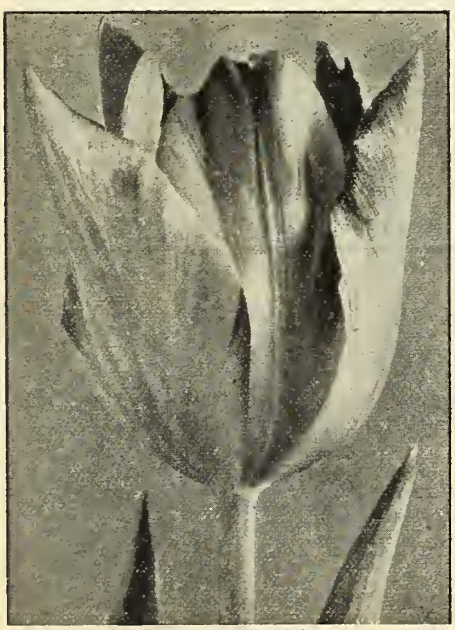
The Tulip, for its gorgeous colors, its pretty cup-like shape and its early flowering, is one of the oldest spring favorites. Planted in beds or borders, it is unrivaled for brilliant effect. The number preceding the name of the variety denotes the height in inches, while the letters **a** and **b** indicate their earliness of bloom; the **a**'s flower together and are the earliest; the **b**'s flower together but are somewhat later.

Price for single bulbs includes postage; the dozen and 100 rates are by express at purchaser's expense. 25 bulbs at 100 rate; 250 bulbs at 1,000 rate. By mail, add 5 cts. per dozen for postage.

		Each	Doz.	100	1,000
7b	**Artus.** Brilliant scarlet; large flowers	$0 03	$0 25	$1 35	$12 00
7b	**Belle Alliance** (Waterloo). Scarlet, yellow base; choice	04	40	2 50	22 00
8a	**Canary Bird.** Fine clear yellow; for forcing or bedding	03	25	1 35	12 00
8b	**Cardinal's Hat.** Bright red	03	25	1 25	9 00
9b	**Chrysolora.** Bright yellow; fine cup; for forcing or bedding	03	25	1 25	10 00
6b	**Cottage Maid.** White, edged rose, yellow base; very fine	03	25	1 25	10 00
7a	**Couleur Cardinal.** Brilliant crimson; splendid bedder	06	60	4 00	35 00
7b	**Crimson King.** Scarlet, yellow base; extra good bedder	03	25	1 35	12 00
9b	**Duchess of Parma.** Orange-red, bordered yellow	03	25	1 15	8 00
5a	**Duc de Berlin.** Brilliant clear scarlet, edged yellow; good forcer	04	35	1 65	14 00
6b	**Jagt van Delft.** White; good bedder	03	25	1 15	9 00
7b	**Lac van Rhyn.** Violet, bordered white; very distinct	03	25	1 15	9 00
9b	**L'Immaculee.** Pure white	03	25	1 15	9 00
8b	**President Lincoln.** Light violet	05	35	2 00	16 00
8a	**Pottebakker, White.** Pure white; large flower; fine forcer	04	35	1 75	14 00
8a	" **Scarlet.** Bright scarlet; large flower	04	35	2 00	17 00
8a	" **Yellow.** Yellow, feathered crimson; large flower	04	35	1 75	14 00
8a	**Princess Mary Ang.** Rose white; extra large	03	35	1 75	14 00
8a	**Princess of Austria.** Fine orange-red; fine forcer	05	45	3 00	28 00
8a	**Proserpine.** Rich carmine-rose; fine forcer	05	50	3 50	30 00
6b	**Purple Crown.** Dark red, variegated foliage; fine	03	25	1 25	10 00
8b	**Queen Victoria** (La Reine). White, shaded rose; very fine	03	25	1 25	10 00
8a	**Rembrandt.** Scarlet; large, fine flower	04	40	2 00	17 00
8b	**Rosa Mundi.** Dark pink, feathered white; fine flower	03	25	1 15	9 00
6b	**Rose Grisdelin.** White, shaded rose; extra	04	35	1 75	15 00
7b	**Rose Luisante.** Splendid large, satiny rose flower	10	60	4 50	40 00
8b	**Silver Standard.** White, crimson-striped	04	35	1 85	16 00
7b	**Thomas Moore.** Orange; sweet-scented	04	30	1 50	12 00
6b	**Van der Neer.** Violet-purple; extra fine	04	35	2 00	18 00
8b	**Vaughan's New Pink.** Beautiful pink, shaded white	04	35	1 75	14 00
6b	**Vermilion Brilliant.** Dazzling color; fine for bedding	05	50	3 50	30 00
7b	**Wouvermann.** Purple	04	35	2 00	18 00
8b	**Yellow Prince.** Pure yellow; the best yellow for forcing	03	25	1 25	10 00

KEIZERKROON

This splendid single bedding Tulip, which is illustrated on the upper corner of this page, may be well called the "Emperor's Crown." Of tall, erect habit, it grows to a height of 10 inches, and is most effective when grown alone in beds or masses. It has a large rich crimson flower with a broad margin of gold, making a combination which is dazzling in the extreme. Two hundred bulbs planted 5 inches apart are sufficient for a round bed 5 feet in diameter, thus making a display at the cost of $3.50 which will last for weeks and attract the attention and admiration of every one who sees it. We import annually many thousands of this splendid variety and can assure our customers that they will receive nothing but large-sized, first-class bulbs. 5 cts. each, 12 cts. for 3, 35 cts. per doz., $2 per 100, $3.50 for 200, $16 per 1,000.



Joost van Vondel.

JOOST VAN VONDEL

A splendid variety of about the same height and habit as Keizerkroon. The flowers are very large and long, color being a striking combination of cherry red, feathered with white. As a variety for using in beds or borders it cannot be too highly recommended, as it will make an excellent show. Owing to its long stiff, stem it makes a splendid cut-flower, lasting a long time in water. 4c. each, 10c. for 3, 35 cts. per doz., $1.65 per 100, $14 per 1,000.

SPECIAL OFFER.—100 Joost van Vondel and 100 Keizerkroon for $2.75, by express at buyer's expense

DUC VAN THOL TULIPS

These are particularly good for forcing and pot culture, blooming very early, and of dwarf habit.

		Each	Doz.	100	1,000
6a	**Gold-striped**	$0 03	$0 25	$1 25	$11 00
6a	**Rose**	05	45	3 00	25 00
7a	**Scarlet**	04	30	1 50	12 00
6a	**Vermilion**	03	30	1 50	12 00
6a	**White.** True	05	45	2 50	20 00
6a	**Yellow**	08	50	3 00	25 00
7a	**Crimson**	03	25	1 25	10 00
6a	**Red and Yellow**	04	30	1 40	12 50

Parrot Tulips

These are among the best of the late or May-flowering class of Tulips. The flowers are of great size and remarkably showy, with their corrugated and toothed petals. They will stand for a long time, and, having extremely long stems, they make an admirable cut-flower. The color is a combination of crimson and golden yellow, streaked and edged with green, resembling the plumage of a parrot.

	Each	Doz.	100	1,000
Admiral de Constantinople. Red, tipped orange; large flower	$0 05	$0 35	$2 00	$16 00
Lutea major. Bright yellow; large flower	05	35	2 00	16 00
Monstre Rouge. Large, brilliant scarlet flower. One of the best for outdoor bedding	05	35	2 00	16 00
Markgrave. Yellow, striped scarlet and green	05	35	2 00	16 00
Perfecta. Yellow, striped red	05	35	2 00	16 00
Couleur Cafe. Brown and yellow	05	35	2 00	16 00
Cramoisie Brilliant. Deep crimson, with large black star-shaped center. Finest of the Parrot varieties	05	35	2 00	16 00
Gloriosa. Red and yellow	05	35	2 00	16 00
Superfine Mixed	04	30	1 50	13 50

SINGLE EARLY TULIPS

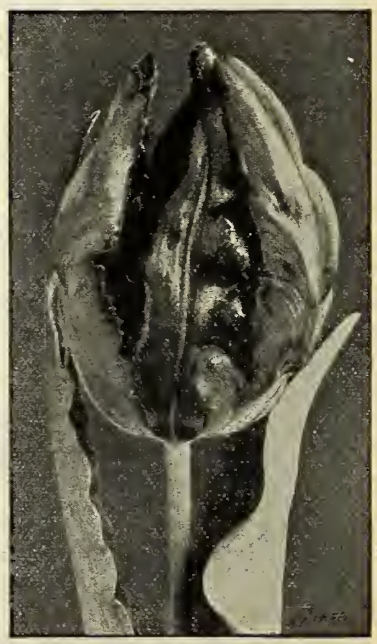
SEPARATE COLOR MIXTURES

The following are selected from varieties of same height, and which bloom at the same period. Especially recommended for bedding.

	Doz.	100	1,000
White Shades	$0 30	$1 40	$12 00
Yellow Shades	30	1 40	12 00
Red Shades	30	1 40	12 00
Pink Shades	30	1 40	12 00
Variegated Shades	30	1 40	12 00

FINE MIXED

For bedding. Per doz., 15c.; 100, $1; 250, $2; 1,000, $7.50.



Parrot Tulip.

Special Offer. 16 Parrot Tulips, two each of eight varieties, postpaid, to any address for 45 cts.

Double Tulips.
No. 1. Imperator Rubrorum.
No. 2. Tournesol, Red and Yellow.
No. 3. La Candeur.

DOUBLE EARLY TULIPS

Double Tulips have massive, peony-like flowers of brilliant and beautifully diversified colors, and are very effective in beds on lawns, terraces, etc. The varieties marked "early" are valuable for bedding with the Early Single Tulips, as they flower about the same time, and carry on the succession to the Late Double Tulips. They are also very good for growing in pots. See Vaughan's "Flower Bulbs" for full cultural directions. **Free with every order of $1 or over.**

The prices for single bulbs include postage paid by us; the dozen and 100 rates are by express at purchaser's expense. 25 bulbs of a kind at 100 rate; 250 at 1,000 rate. If by mail, add at the rate of 5 cents per dozen for postage.

Inch		Each	Doz.	100	1,000
5	**Admiral Kingsbergen.** Red and yellow; late	$0 04	$0 40	$1 75	$14 00
6	**Blanc Borde.** Purple, white edge; late	04	30	1 35	11 00
14	**Bleu Celeste** (Blue Flag)	04	40	1 75	14 00
15	**Count of Leicester.** Orange and yellow, feathered; early	03	25	1 25	10 00
10	**Crown of Gold.** Large flower; rich golden yellow, shaded orange; very double	07	60	4 00	
9	**Crown of Roses.** Bright pink; early	10	70	4 50	
6	**Duc van Thol.** Red and yellow	03	25	1 25	10 00
6	" " " Scarlet	03	25	1 25	10 50
10	**Duke of York.** Carmine, edged white	03	25	1 30	11 00
8	**Gloria Solis.** Brown and gold; early	05	40	1 80	15 00
8	**Imperator Rubrorum.** Bright scarlet, a brilliant color; early	06	50	3 00	24 00
8	**La Candeur.** Best double white for bedding	03	30	1 50	12 00
7	**La Citadelle.** Red, yellow bordered; large	04	30	1 40	12 00
5	**Lady Grandison.** Carmine; large flower	04	30	1 40	12 00
6	**Le Blason.** White, tinged rose	05	40	1 80	15 00
6	**Murlilo.** Light rose	06	50	3 00	25 00
9	**Peony Gold.** Red and gold; late	04	40	1 75	14 00
9	**Peony Red.** Red	04	30	1 40	12 00
8	**Purpurkroon.** Dark red	04	30	1 50	13 00
9	**Rex Rubrorum.** Dark red	04	40	1 80	15 00
9	**Rosine.** Semi-double; white and rose	04	40	1 80	15 00
8	**Rose Blanche.** Extra large; white	03	25	1 30	11 00
9	**Salvator Rosa.** White and deep rose; fine forcer	07	70	4 50	
8	**Tournesol.** Red and Yellow. Early	05	50	2 25	18 00
8	" Yellow. Early	06	50	3 00	
6	**Yellow Rose.** Late	03	25	1 25	10 00

LATE or MAY-FLOWERING TULIPS

These Tulips produce very large flowers, marked and variegated in the most singular manner. As their season of bloom follows the early sorts, they are valuable to keep up a continuous display and extend the season.

Bizarres. Yellow ground, feathered crimson, purple or white. 3 cts. each, 25 cts. per doz., $1.25 per 100, $10 per 1,000.

Bouton d'Or. The only late pure yellow Tulip. A most handsome variety and excellent for cut-flowers. 4c. each, 35 cts. per doz., $1.75 per 100.

Bybloems, Violets. Tall and brilliantly variegated; white ground, flaked lilac-purple or black. 4 cts. each, 30 cts. per doz., $1.50 per 100.

Bybloems, Roses. White ground, shaded rose; tall, very showy; bloom in May. Fine Mixture. 4 cts. each, 30 cts. per doz., $1.50 per 100, $13 per 1,000.

Golden Crown. Large yellow flowers, pointed petals, bordered with crimson. A splendid variety. 3 cts. each, 25 cts. per doz., $1.25 per 100, $10 per 1,000.

Macrospila. A glowing crimson-scarlet, with deep zone of black and yellow; very fragrant; splendid for cutting. 4 cts. each, 35 cts. per doz., $1.50 per 100, $12 per 1,000.

Peacock. One of the finest Tulips for pot culture. The flowers are very large and of a clear, transparent, brilliant scarlet, with a golden band through three of its six petals and a large jet black center bordered with pure yellow. 10 cts. each, 25 cts. for 3, 85 cts. per doz.

Single Late Tulips. All the above-named varieties and many more in splendid mixture. 4c. each, 30c. per doz., $1.50 per 100, $12 per 1,000.

Special Offer "D" **We will mail 4 each of the following grand late-flowering Tulips—Gesneriana, Macrospila, Bouton d'Or and Blue Flag, for 40 cents postpaid; 12 of each for 85 cents, by express at purchaser's expense.**

DOUBLE TULIPS IN MIXTURE

	Each	Doz.	100	1,000
EXTRA FINE MIXED, DOUBLE EARLY TULIPS. This is a mixture made from named sorts, and should not be compared to cheap mixed grades usually offered under this heading	$0 03	$0 20	$1 25	$10 00
DOUBLE EARLY TULIPS. Fine mixture for bedding	03	15	1 00	8 00
DOUBLE LATE TULIPS. Extra fine mixed	03	20	1 25	10 00

DARWIN TULIPS

Brilliant self-colored late Tulips of immense size, and borne on strong stems, many of them 2 feet high. The colors surpass in brilliancy anything hitherto known in Tulips, and are of almost every conceivable color, from pale blush to the brightest red, lilac, light blue, and purple to almost black.

Price of the following named varieties, 4c. each, 40c. per doz., $2.75 per 100.

Longfellow. Dark rose. | **Herold.** Violet. | **Pallas.** Lively red. | **Bruno.** Brown. | **Tolosa.** Soft pink.

Mixed. Comprising all of above and many others. 3 cts. each, 30 cts. per doz., $2 per 100, $15 per 1,000.

Darwin Tulips.

TULIP, GESNERIANA

This is a tall-growing, late-blooming Tulip, and undoubtedly one of the finest in cultivation. The flowers are as large as coffee cups and carried on stout stems nearly 18 inches from the ground. The color is brilliant crimson-scarlet, with a large, peacock-blue blotch in the center, and of very strong fragrance. No Tulip that has come under observation is at once so brilliant and lasting.

The bulbs may be replanted for years, if taken up when the leaves begin to wither and stored in a cool, dry place until late September. It is, however, quite necessary to cut the flowers as they fade to prevent the formation of seeds, which is very exhausting to most bulbous plants. They remain in bloom from three to four weeks, and are admirable when planted in groups among evergreen and shrubbery, where they show up to splendid advantage against the dark background. 3c. each, 25c. per doz., $1.75 per 100, $15 per 1,000.

VAUGHAN'S SPECIAL TULIP MIXTURES

We offer under this head mixtures of both Single and Double Tulips, which we make up ourselves from the very best sorts properly proportioned. We include only such varieties as will bloom about the same time and of about the same height. The colors are chosen with care, so that they may blend and make a harmonious bed. We take special pains with these mixtures and use nothing but first-size bulbs, such as are listed in this Catalogue, and we therefore recommend them to our customers as being the finest mixtures in existence.

Vaughan's Special Single Mixture. 10 cts. for 3, 35 cts. per doz., $1.75 per 100, $15 per 1,000.

Vaughan's Special Double Mixture. 12 cts. for 3, 40 cts. per doz., $2 per 100, $16.50 per 1,000.

Tulip, Gesneriana.

Narcissus, Golden Spur.

Narcissus, or Daffodils

These flowers, so well adapted to the hardy border, are much admired by all friends of hardy flowers, and are found most useful for planting among hardy perennials and shrubbery, as well as in solid beds and borders. They are equally valuable for growing in pots and pans for house decoration, as they are easily grown and make a splendid show.

SINGLE TRUMPET DAFFODILS

Emperor

A magnificent sort. The entire flower is a rich yellow; trumpet of immense size, and petals of the perianth so broad that they overlap. Three of these bulbs planted in a 6-inch pot will make a splendid show. First size bulbs, 10 cts. each, 60 cts. per doz., $3.50 per 100, $30 per 1,000; mammoth bulbs, 15 cts. each, $1 per doz., $6 per 100.

Empress

This makes a fitting companion to the above, and is, we think, the finest of the two-colored trumpet varieties. The trumpet is of a rich yellow, with a perianth of snow-white petals; flower bold and erect. First size bulbs, 10 cts. each, 25 cts. for 3, 75c. per doz., $4 per 100, $35 per 1,000; mammoth bulbs, 15c. each, 35 cts. for 3, $1 per doz., $6 per 100.

Horsfieldii

The grandest Daffodil in cultivation. The finest Narcissus of all, and every one should make a point of planting a dozen or more of this splendid variety. Large white flowers with yellow trumpet, coming into bloom earlier than any other of its class, making an ideal bulb for pot culture. First size bulbs, 6 cts. each, 15c. for 3, 50c. per doz., $3 per 100, $25 per 1,000; mammoth bulbs, 10c. each, 25c. for 3, 75c. per doz., $5 per 100.

Golden Spur

Extra large, rich yellow flower, devoid of green midrib. A very strong grower, and unsurpassed either for pot or garden culture. First size bulbs, 7c. ea., 18c. for 3, 60c. per doz., $3.50 per 100, $30 per 1,000; mammoth bulbs, 10 cts. each, 25c. for 3, 75c. per doz., $5 per 100.

Special Offer "E." Three of each, 12 Mammoth Bulbs, of the above splendid varieties, Emperor, Empress, Horsfieldii and Golden Spur, for 60 cts., postpaid; three each of first size bulbs, for 40 cts., postpaid.

SINGLE DAFFODILS

Biflora. Creamy white, with yellow cup; richly perfumed; two flowers on a stem. 3 cts. each, 8 cts. for 3, 20 cts. per doz., $1.25 per 100, $10 per 1,000.

Cynosure. Large, handsome flowers; perianth primrose, changing to white; cup yellow, stained orange; much used for forcing. 3 cts. each, 6c. for 3, 20c. per doz., $1.25 per 100.

Incomparable. Yellow perianth, orange cup; large flower, varying in shades and forms, but all attractive and fragrant. Early-blooming. 3c. each, 6c. for 3, 20c. per doz., $1 per 100.

Incomparable, "Stella." A new variety of Incomparable, with white perianth divided into six long petals; cup a light primrose-yellow. 3 cts. each, 7 cts. for 3, 25 cts. per doz., $1.50 per 100.

POETICUS

These are among the most beautiful of the Narcissus family. The flowers, which measure 2 to 2½ inches across, are pure white, with beautiful golden yellow cup and distinct rim of scarlet. They are of exquisite fragrance and borne on long stems, making them splendid for cut-flowers. Especially adapted for planting in the garden, woods or amongst shrubbery.

Mammoth Bulbs. Of large size; each will give two or more flowers. 50 cts. per doz., 75 cts. for 25, $2 per 100, postpaid; $1.75 per 100, $8 for 500, $15 per 1,000, by express at buyer's expense. **Select Size Bulbs.** 30 cts. per doz., 50 cts. for 25, $1.50 per 100, postpaid; $1.25 per 100, $6 for 500, $10 per 1,000, by express at buyer's expense.

Henry Irving. Broad, yellow, spreading perianth; large yellow trumpet; very handsome. 7 cts. each, 15c. for 3, 50c. per doz. $3 per 100, $25 per 1,000.

Obvallaris (Tenby Daffodil). Very early, medium size, yellow; one of the best for forcing. 5 cts. each, 12 cts. for 3, 40 cts. per doz., $3 per 100.

Large Sulphur Hoop Petticoat (*N. citrina*). Very beautiful, pale citron; early flowering. 6 cts. each, 15 cts. for 3, 50 cts. per doz., postpaid.

White Hoop Petticoat (*N. monophylla*). Snowy white flowers of exquisite beauty. Can be bloomed for Christmas if potted in September. 7 cts. each, 18 cts. for 3, 60 cts. per doz., postpaid.

Princeps. Trumpet large, deep yellow. 3 cts. each, 7 cts. for 3, 25 cts. per doz., $1.25 per 100, $10 per 1,000.

Trumpet Minor. A dwarf variety with small yellow flowers. 4 cts. each, 9 cts. for 3, 30 cts. per doz.

Trumpet Major. Large flowers of a deep yellow; one of the earliest sorts, especially suitable for pot culture or outdoor planting. 3 cts. each, 8 cts. for 3, 25 cts. per doz., $1.25 per 100, $10 per 1,000.

Trumpet Maximus. Rich golden yellow perianth and trumpet; one of the best. 8c. each, 20c. for 3, 60 cts. per doz., $3.50 per 100.

Bicolor Victoria. Of bold and erect habit, with creamy white perianth and rich yellow trumpet. It makes a royal companion to the favorites Emperor and Empress. 25c. each, 70 cts. for 3, $2.50 per doz.

Trumpet Varieties Mixed. All the above and many others, splendid for outdoor planting. 15 cts. for 3, 40 cts. per doz., $2.75 per 100, $20 per 1,000.

Poetaz Elvira

A new strain of Narcissus obtained from a cross between *Poeticus Ornatus* and *Polyanthus Narcissus gloriosus*. The flowers, which are like the Poeticus in size, come three to four on long stiff stems, and are pure white with a yellow eye. Just as hardy as the Poeticus, it will stand the winter equally as well. It makes a splendid cut-flower, as it inherits some of the fragrance of the Poeticus and none of the objectionable odor of the Polyanthus class. 15c. each, 40c. for 3, $1.45 per doz., $10 per 100.

Double Jonquils.

Single Daffodils, Mixed. 3 cts. each, 7 cts. for 3, 20 cts. per doz., $1 per 100, $8 per 1,000.

SWEET-SCENTED JONQUILS

Add 5 cents per dozen for postage

Jonquils are prized for their graceful, sweet-scented flowers, in or out-of-doors. For indoor decorations three to six bulbs should be grown in a 4- or 5-inch pot; cultivate same as the hyacinth.

Campernelles. Large, single; light yellow, fragrant. 2 cts. each, 5 cts. for 3, 15 cts. per doz., $1 per 100.

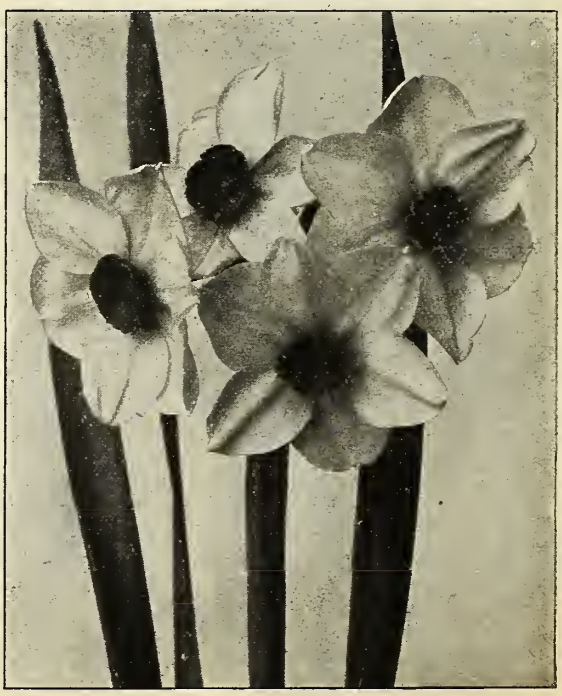
Single. Sweet-scented; yellow. 2 cts. each, 9 cts. for 5, 15 cts. per doz., $1 per 100.

Double. Rich golden yellow; large and full. 4 cts. each, 11 cts. for 3, 35c. per doz., $2 per 100.

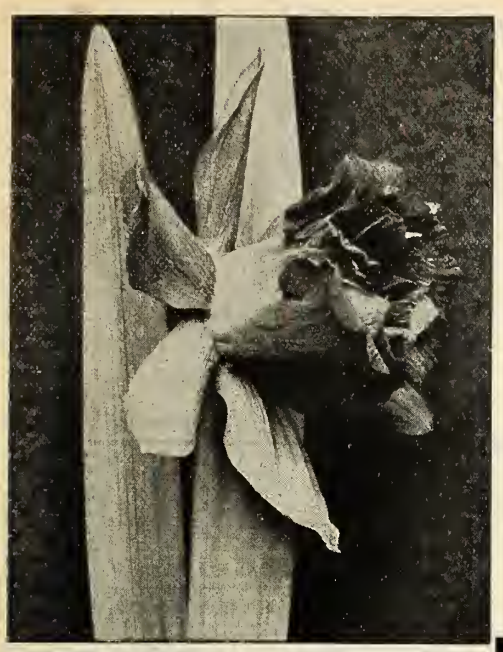
Rugulosus. Rich yellow; broad, imbricated perianth and straight, wrinkled cup. A most charming variety; valuable for bedding. 3 cts. each, 7 cts. for 3, 25 cts. per doz., $1.25 per 100.

Special Offer: Three each of above four sorts for 25 cents, postpaid

Special Offer "F." 500 NARCISSUS FOR $4.50. Consisting of 100 each Poeticus, Trumpet major, Alba plena odorata, Princeps, Double Incomparable. One-half this collection, or 250 bulbs. for $2.50, by express, at purchaser's expense.



Narcissus, Poetaz Elvira.



Von Sion Narcissus. Grown from Vaughan's Jumbo Bulbs.

CHINESE SACRED LILY

ALSO CALLED "JOS FLOWER"

This is a species of Polyantha Narcissus introduced from China. The bulbs are of large size, measuring from 12 to 18 inches in circumference, and throw up from five to ten flower-spikes, bearing clusters of large, perfect, waxy white blossoms, with yellow center; of a most delicious fragrance. These may be grown in pots, but are most successful when cultivated in the same manner as in China, namely, in water. In order to get best results it is advisable to cut two or three slits half an inch deep up and down the sides of the bulbs near the top; this enables the weak shoots to burst through the tough outer layer.

LARGE SELECTED BULBS. Price, 10 cts. each, 25 cts. for 3, 90 cts. per doz.; if to go by mail, add 3 cts. per bulb, or 35 cts. per doz., for postage. Original baskets containing 30 bulbs, $1.90 per basket, by express or freight at purchaser's expense.

MAMMOTH BULBS. These are of very large size and will give better results than smaller bulbs. 20 cts. each, 55 cts. for 3, $2 per doz. If to go by mail, add 5 cts. per bulb for postage.

GIANT "PAPER-WHITE" NARCISSUS

A BULB WHICH EVERY ONE SHOULD TRY

We recommend this splendid variety of Narcissus as giving better results when grown in water than any other bulb grown in this way, and we think a trial will convince our customers of the truth of this statement. Will give even better satisfaction than the Chinese Sacred Lily when grown in water, the flowers being larger and of a more pleasing color and fragrance. These bulbs are of mammoth size, which we import specially for florists' use, and they can be grown equally well in earth. Planted in this manner, we recommend putting six or eight bulbs in an 8-inch pan, which, if started by the end of September, will flower by Christmas. 7 cts. each, 25 cts. for 4, 65 cts. per doz., postpaid; $4 per 100, not postpaid.

CHINESE LILY BOWL. The bowl is made of pressed glass, and is just the thing in which to grow Chinese Sacred, Giant Golden Sacred or Double Sacred Lily, and Giant Paper White Narcissus, in gravel and water. 6-inch, for one bulb, 25 cts. each, 60 cts. for 3; 7-inch, for two bulbs, 30 cts. each, 80 cts. for 3; 8-inch, for three bulbs, 35 cts. each, $1 for 3. Can only be forwarded by express.

Gravel, such as is used for above. 10 cts. per qt.; if by mail, postpaid, 40 cts.

DOUBLE DAFFODILS

Alba plena odorata. Fragrant snow-white, gardenia-like flowers. One of the hardiest of the Narcissus family. Beautiful, fragrant, and splendid for cut-flowers. 3 cts. each, 7 cts. for 3, 20 cts. per doz., $1.25 per 100, $10 per 1,000.

Incomparable (Butter-and-Eggs). Pale yellow and orange; large, fragrant flower; early bloomer. 3c. ea., 7c. for 3, 20c. per doz., $1.25 per 100, $10 per 1,000.

Orange Phœnix (Eggs-and-Bacon). Orange and straw; good for pot culture. 4 cts. each, 11 cts. for 3, 35 cts. per doz., $2.25 per 100.

SILVER (Sulphur) PHOENIX

Very large flowers; pale creamy white, shading to primrose. One of the finest varieties for pot culture, and makes a splendid cut-flower. The bulbs which we supply will throw trom two to three flowers each. 8 cts. each, 20 cts. for 3, 75 cts. per doz., $5 per 100.

VON SION

The grand old-fashioned double yellow Daffodil. Very hardy outside and blooms freely in pots in the house.

Vaughan's "Jumbo" Bulbs. These are bulbs of extra size, known in Holland as "Top Roots." Each bulb will throw from four to five perfect flowers, so that three bulbs planted in a 7-inch bulb pan will make a beautiful show. The Von Sion is the most popular Narcissus for pot culture, and our customers will be delighted if they try a few of our "Jumbo" bulbs. 10 cts. each, 25 cts. for 3, 75 cts. per doz., $5 per 100.

Mammoth Double-Nose Bulbs. These are extra-size bulbs and will produce from two to three flowers each. 5 cts. each, 12c. for 3, 40 cts. per doz., $2.75 per 100, $25 per 1,000.

Fancy Selected Bulbs. 4 cts. each, 10 cts. for 3, 30c. per doz., $1.75 per 100, $15 per 1,000.

Double Daffodils, Mixed. Contains all the above-mentioned varieties and many others. 3 cts. each, 7 cts. for 3, 25 cts. per doz., $1.50 per 100, $12 per 1,000.

Chinese Sacred Lily.

GIANT GOLDEN SACRED LILY

(JONQUIL RUGULOSUS)

As easily grown as the Chinese Sacred Lily, and a most beautiful companion to that well-known and popular plant. Flower is of handsomest glowing yellow, and very fragrant. The bulbs of this Lily are small, and ought to be planted six or eight to a pan or lily bowl, in order to make a good show. 3 cts. each, 7 cts. for 3, 25c. per doz. Add 5 cts. per doz. for postage.

DOUBLE SACRED LILY

(ROMAN NARCISSUS)

Also grown in the same manner as the Chinese Sacred Lily. Produces abundantly of double flowers; white, shaded beautiful yellow; fragrant and lasting. Can be easily brought into bloom for Christmas. 4 cts. each, 25 cts. per doz. Add 10 cts. per doz. for postage.

POLYANTHUS NARCISSUS

If to go by mail, add at the rate of 10 cents per dozen for postage

These varieties all bloom very early; the flowers are borne in bunches or clusters on a single stem, and are exceedingly fragrant, may be grown in bowls or glasses under the same treatment as for Chinese Sacred Lily. The Polyantha varieties are also quite valuable for growing in pots, succeeding with every one under most ordinary circumstances.

	Each	Doz.	100
Early Double Roman. One of the best for winter blooming. White, with a delicate yellow center; very fragrant.....10 cts. for 3..	$0 04	$0 25	$1 50
Grand Soliel d'Or. Yellow, with deep orange cup.....	05	40	2 50
Grand Primo. Cup citron, perianth pure white.....	05	45	3 00
Paper White. Pure white; blooms by Christmas.....8 cts. for 3..	03	25	1 50
" " **grandiflora.** An improved strain of the Paper White.....	04	30	2 00
Staten General. White, with pale yellow cup.....	04	40	2 75
Grand Monarque. This variety is one of the finest of all the Polyantha section, and will give excellent results when grown in water. The bulbs which we offer are of enormous size, and will throw up a profusion of large white flower-spikes which are crowned with a lemon-yellow cup.....	06	50	3 25
Polyanthus Narcissus. In finest mixture.....	03	25	1 50

Special Offer: One each of the above 7 sorts for 25 cts.; 3 of each for 70 cts., postpaid

Giant "Paper White" Narcissus.

Bleeding Heart.

Allium Neapolitanum

This is one of the most beautiful bulbous plants for conservatory, house or window-garden. Like the freesia, it is of easiest culture, and can be grown by any one. The flowers are star-shaped, and are produced in large, loosely spreading umbels, on stems 20 inches high.

Plant four bulbs in a 5-inch pot as early as received in the fall, and they will immediately commence to grow, flowering in January and continuing in bloom for several weeks. 5 cts. for 2, 20 cts. per doz., $1.25 per 100, postpaid.

Amaryllis

JOHNSONII. The old favorite, and almost too well known to need description. The immense trumpet-shaped flowers, which measure from 6 to 8 inches across, are borne on strong, fleshy flower-stems, and are of rich velvety crimson, each petal having a broad white stripe, contrasting beautifully with the deep red color. **Large bulbs,** 30 cts. each, 85 cts. for 3, postpaid. **Mammoth bulbs,** 50 cts. each, $1.25 for 3, postpaid.

FORMOSISSIMA. The Scarlet Mexican Lily, or Sacred Flower of the Aztecs. This is another grand variety of Amaryllis, with beautiful trumpet-shaped flowers of a rich, dark scarlet. Can be grown in soil, or water and pebbles like the Chinese Lily. **Large bulbs,** 15 cts. each, 35 cts. for 3, $1 per doz., postpaid.

Anemone

(Windflower)

Anemone.

Beautiful and showy spring-flowering bulbs, producing brilliantly colored flowers; valuable either for outdoor planting or house culture. If planted indoors they should be left in same pots year after year, as they give best results when treated in this manner.

CORONARIA, or Poppy Anemone. These handsome Anemones have large, poppy-shaped flowers, measuring 2 inches across. They make a beautiful show, either in pots or outdoors. 8 cts. for 3, 25 cts. per doz., $1.50 per 100, postpaid.

Coronaria, The Bride. Pure white; beautiful. 3 cts. each, 25 cts. per doz., postpaid.

FULGENS. Dazzling flowers of brilliant scarlet, accompanied with light, graceful foliage, make this variety one of the most showy species of its class. 4 cts. each, 40 cts. per doz., postpaid.

Double Anemones, Mixed. Rich colors. 8 cts. for 3, 25 cts. per doz., postpaid.

Single Anemones, Mixed. Many shades and varieties. 6 cts. for 3, 20 cts. per doz., postpaid.

Babianas

A pretty little plant bearing showy spikes of flowers, which are characterized by their rich self-colors or the striking contrast of very distinct hues in the same flower. They are not hardy north of Washington, and succeed best when grown in pots.

Mixed Varieties. 4 cts. each, 10 cts. for 3, 40 cts. per doz., postpaid.

Bleeding Heart

(Dielytra spectabilis)

This is an old favorite and certainly deserves to be in every garden. Once planted where it is to remain, it will come up each spring and make a beautiful plant, with elegant green foliage and long, drooping racemes of heart-shaped pink and white flowers. They also make splendid pot-plants if potted in November and set away in a cool cellar until pot is full of roots; they can be brought into flower in six weeks and will last for some time. 15 cts. each, 25 cts. for 2, postpaid; $1.25 per doz., by express at purchaser's expense.

Brodiaeas

Showy half-hardy California bulbs, producing flowers in drooping umbels on stems 1½ to 2 feet high; very fine for window-blooming.

Coccinea (Fire-Cracker Plant). Flowers of deep crimson-red, the lip being a deep vivid green. 6 cts. each, 15 cts. for 3, 50 cts. per doz., postpaid.

Volubilis, or Twining Hyacinth. This variety throws up a flower-stem which twines like a vine, and produces at the end of the same large umbels of pretty rose-colored flowers. 12 cts. each, 35 cts. for 3, $1 per doz., postpaid.

Mixed. 5 cts. for 2, 20 cts. per doz., postpaid.

Chionodoxa Luciliae

(Glory of the Snow)

These bulbs are becoming very popular, and deservedly so, for their lovely blue and white flowers are seen in the garden among the earliest of spring flowers. The graceful sprays are admirable for all sorts of bouquets and cut-flower work of every kind, such soft blue shades being always desirable and hard to find in other flowers. The bulbs are perfectly hardy. Once planted they can be left to themselves, coming up each year at the first sign of spring. For window culture they are fully as charming as freesias; they bloom very early, usually by Christmas. Selected bulbs, 3 cts. each, 20c. per doz., 90 cts. per 100, postpaid.

Crown Imperial

An old-time garden favorite, with clusters of large, bell-shaped flowers. Once planted it will grow and increase from year to year. Plant as early as possible, and about 5 inches deep. 15 cts. each, 30 cts. for 3, $1.15 per doz., postpaid.

Cyclamen

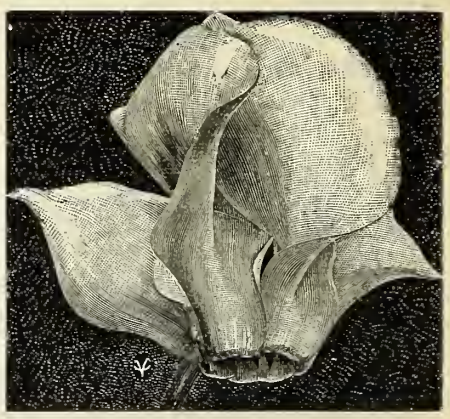
GIANT-FLOWERED

This well-known, free-blooming plant is only adapted for house culture in our climate, but for winter flowering it has few superiors. Plant in September or October in a 5-inch pot, using rich, light soil, and water sparingly until it begins vigorous growth, after which it may be treated like other house plants. Will give more flowers with less trouble than almost any other bulb we list.

Pure White **Crimson**
White, Carmine Eye **Rose, with Dark Eye**

Any of above varieties, 15 cts. each, 40 cts. for 3, 75 cts. for 6, postpaid.

Mixed Varieties. 12 cts. each, 30 cts. for 3, 50 cts. for 6, postpaid.



Cyclamen

GIANT ORCHID-FLOWERED

This splendid new variety differs from the ordinary Cyclamen by its beautifully fringed flowers. The stems of both leaves and flowers are stiff, the foliage beautiful and the flowers of surpassing beauty. The edges of the petals are frilled, fringed and curled, and the colors range from the purest white through delicate pink, to rose and crimson.

Mixed Varieties. 20 cts. each, 35 cts. for 3, 75 cts. for 6, postpaid.

SPECIAL OFFER "G"

We will mail 3 Allium Neapolitanum, 3 Anemone coronaria Mixed, 3 Chionodoxa Luciliæ, and 2 Cyclamen, Giant-Flowered Mixed, for 35 cts., postpaid. A copy of book entitled Flower Bulbs, included with each collection.

LARGE-FLOWERING CROCUS PERFECTLY HARDY

These are among the first of the bulbous plants to show their heads above the ground in early spring; in fact, they are called the "harbingers of spring." They are perfectly hardy, and can be left in the ground for several years without being disturbed, this being the best mode of treatment, as they invariably produce better blooms the second and successive years than the first year. Planted with *Scilla Sibirica*, the blossoms of these two early-flowering bulbs make a most beautiful show.

Prices quoted below for Crocus include postage on dozen and 100 lots. The 1,000 rate is by express at purchaser's expense. We supply 25 at the 100 rate and 250 at the 1,000 rate.

PRIDE OF HOLLAND CROCUS. We have offered in previous years a strain of yellow Crocus under the name of "Holland's Pride," and have this year succeeded in securing the same strain in other colors. The bulbs are of enormous size, being about the size of a silver dollar, and will each throw a number of large flowers, making them the most showy Crocus we have ever had the pleasure of seeing. We offer these in five shades.

Sir Walter Scott (white, blue striped), **King of Blues** (fine blue),
Queen Victoria (pure white), **Purpurea grandiflora** (dark purple),
Mammoth Yellow.

Price, 3 cts. each, 30 cts. per doz., $2 per 100, postpaid; $15 per 1,000, by express at buyer's expense

NAMED LARGE-FLOWERING CROCUS

The bulbs of these are three or four times the size of the common Crocus, about an inch in diameter; they are sure bloomers, producing larger and finer flowers than bulbs ordinarily sold.

	Doz.	100	1,000
Albion. Blue, striped white	$0 12	$0 65	$5 00
Baron von Brunow. Dark blue	12	65	5 00
David Rizzio. Deep purple	12	65	5 00
Non Plus Ultra. Blue, white-bordered	12	65	5 00
Mont Blanc. Pure white	12	65	5 00
Queen Victoria. Pure white	12	65	5 00
La Majesteuse. White, violet-striped	12	65	5 00
Sir Walter Scott. White, blue-striped	12	65	5 00
Cloth of Gold. Yellow and brown	12	65	5 00
Cloth of Silver. White and lilac	12	65	5 00

Special Offer: 10 each of above-named Crocus (100 bulbs) for 65 cts., postpaid

Crocus.

MIXED VARIETIES

	Doz.	100	1,000
White	$0 10	$0 40	$3 00
Striped and Variegated	10	40	3 00
Blue	10	40	3 00
Large Yellow	10	40	3 00
All Colors in Splendid Mixture	10	35	2 50

Freesia refracta alba.

Vaughan's Special Mixture Giant-Flowered Crocus

This is a special mixture made up by ourselves from named sorts only. The colors are properly proportioned, and we add a liberal amount of the mammoth "Pride of Holland" sorts. For planting outdoors in lawns, along borders, or amongst shrubbery this mixture cannot be excelled. 15 cts. per doz., 75 cts. per 100, postpaid; $6 per 1,000. by express at purchaser's expense.

FREESIA REFRACTA ALBA

Of all winter-blooming bulbs none are more easy of culture or more beautiful and graceful than the Freesia. Plant six to eight bulbs in a 5-inch pot, and you will get a plant which will beautify and perfume the house for weeks. They force easily and can be had in bloom for Christmas if desired; by plunging 6 or 8 pots in a coldframe they can be brought in at intervals, in this way making a continuous display. The flowers are splendid for cutting.

MAMMOTH BULBS. These are monstrous bulbs and will produce much larger and a greater quantity of flowers than the ordinary size. 7 cts. each, 75 cts. per doz., $4 per 100, postpaid.

Selected Bulbs. Pure white, with small yellow blotch on lower petal; remarkably fragrant and very lasting. 3 cts. each, 10 cts. for 5, 20 cts. per doz., $1 per 100, postpaid.

Medium-sized Bulbs. 2 cts. each, 5 cts. for 3, 15 cts. per doz., 75 cts. per 100, postpaid.

IRIS

The Iris, or Fleur-de-lis, is one of the most beautiful hardy garden plants grown. It is of easy culture and will succeed in any good garden soil.

SPANISH IRIS (*Iris Hispanica*). One of the most satisfactory varieties of Iris to grow, being very hardy, and equally good for pot or garden culture. The flowers are of great beauty, having many different blendings of color, and if cut when in the bud state will last a long time in water. For best effects they should be planted in clumps or masses of 25 or more bulbs set 3 inches apart each way.

Belle Chinoise (yellow), **Louise** (white spotted lilac),
British Queen (pure white), **Thunderbolt** (bronze; large flower),
Formosa (dark blue),

Any of above, 2c. ea., 5c. for 3, 15c. per doz., $1 per 100, postpaid

Mixed Varieties. In many colors. 3 cts. for 2, 12 cts. per doz., 75 cts. per 100, postpaid.

ENGLISH IRIS (*Iris Anglica*). No less attractive than the Spanish Iris. Blue, lilac and purple shades prevail. Mixed varieties, 10 cts. for 3, 25 cts. per doz., $1.75 per 100, postpaid.

GERMAN IRIS (*Iris Germanica*). Perfectly hardy, free-flowering varieties and thrive well in any garden. Ready in October. 15 cts. each, 80 cts. for 6, $1.50 per doz., postpaid.

MOURNING IRIS (*Iris Susiana*). Our cut of this little-known member of the Iris family gives some idea of its beauty. We consider it one of the most handsome we have ever seen; the flowers are of a beautiful silvery gray, mottled and grained with dark chocolate and black. 15c. ea., 40c. for 3, $1 40 per doz., postpaid.

JAPANESE IRIS (*Iris Kaempferi*). Ready in October. Our collection, imported from Japan, consists of the following colors: Pure white, deep blue, violet, reddish blue, white, yellow center; light blue, purple, bright pink, blue striped white, mottled white. 25 cts. each, 65 cts. for 3, postpaid; large clumps, 30 cts. each, $3 per doz., by express.

Mourning Iris.

Spanish Iris.

Gladiolus Colvilli alba and rubra.

Gladiolus

For Winter Blooming

For grace and beauty these early-flowering Gladioli cannot be excelled. They are of dwarf habit and can be grown in pots, three bulbs to a 6-inch pot. If planted in the open border in the fall and protected with a covering of six inches of straw or leaves they will bloom in June and July. The flowers are smaller than the ordinary Gladiolus, and are invaluable as cut-flowers, lasting a long time when kept in water.

THE BRIDE (Colvilli alba). A light, graceful variety, having pure white flowers which are freely borne on long stems. 5 cts. for 2, 20 cts. per doz., $1.25 per 100, postpaid.

Colvilli rubra. Red. 3 cts. each, 8 cts. for 3, 30 cts. per doz., $1.50 per 100, postpaid.

Blushing Bride. A beautiful variety, having large pure white flowers, with pink spots. A special feature of this variety is that all the flowers open about the same time, thus making it a better cut-flower than any other variety of Gladiolus. 5 cts. each, 50 cts. per doz., $1 for 25, $1.75 for 50, $3 per 100, postpaid.

Gloxinias

Beautiful house plants of dwarf habit and easy culture. Flowers are trumpet-shaped, with beautiful markings, shaded violet, rose, blue or crimson. One bulb planted in a 5-inch pot will make a magnificent show.

Emperor Frederick. Red, with a pure white border.

Mont Blanc. Pure white.

Defiance. Rich crimson-scarlet.

Emperor William. Violet-blue, with white throat tinged and spotted; beautifully streaked and spotted.

Price of any of the above varieties, 15 cts. each, 40c. for 3, $1.50 per doz., postpaid

Mixed Varieties. 12 cts. each, 30 cts. for 3, $1 per doz., postpaid.

Ixias.

Ixias

These are much admired for their brilliant colors and graceful flower-stalks, which resemble a miniature gladiolus. The colors include many shades of yellow, pink, scarlet and crimson. The center of the flower is always distinct in color from the outer parts, making the effect very striking. Plant six or eight bulbs in a 6-inch bulb-pan, covering them 1 inch.

Extra Mixed. 5 cts. for 3, 15 cts. per doz., $1 per 100, postpaid.

Ornithogalum Arabicum

(Star of Bethlehem)

This is one of the most striking flowers. As an Easter decoration it is superb. Its immense spike of pure white flowers is simply grand. Bulb is large and solid, closely resembling the hyacinth, and requiring exactly the same culture. Flower spikes 18 to 24 inches high, strong and graceful, bearing an immense cluster of large, pearly white flowers, having a jet black center. 6 cts. each, 15 cts. for 3, 50 cts. per doz., postpaid.

Oxalis, Grand Duchess.

OXALIS

Most of these Oxalis flower from October until Christmas, and later. They are very pretty, of easy culture, requiring only a good, somewhat peaty soil, with considerable light, under which treatment they will succeed well. Put 4 to 5 in a 4-inch pot. Charming for window boxes or hanging baskets. Following prices include postage:

Alba. White. 10 cts. for 4, 25 cts. per doz., $1.50 per 100.

Cernua lutea. Single yellow. 10 cts. for 4, 25 cts. per doz., $1.50 per 100.

New Double Yellow. A most beautiful flower. 10 cts. for 3, 35 cts. per doz., $2.25 per 100.

Hirta rosea. Pink. 10 cts. for 4, 25 cts. per doz., $1.50 per 100.

Versicolor. Red, violet and white. 10 cts. for 4, 25 cts. per doz., $1.50 per 100.

Bowei. Rosy red, yellowish base. 10 cts. for 4, 25 cts. per doz., $1.50 per 100.

Deppei (Tetraphylla, or Four-leaved). Deep reddish purple-violet; a strong grower, flowering well. 10 cts. for 3, 30 cts. per doz., $1.75 per 100.

Mixed Oxalis. Many varieties. 5 cts. for 3, 15 cts. per doz., $1 per 100.

Gloxinia.

Bermuda Buttercup Oxalis

A most profuse-blooming, winter-flowering plant of very easy culture. The flowers, which are borne in clusters, are of a bright canary-yellow and make a beautiful contrast against the background of dark green foliage. It is one of the most delightful plants for basket use, making fine window plants when grown in this manner. Like all Oxalis, it is a lover of sunshine and will give best results when given plenty of light. 4 cts. each, 10 cts. for 3, 15 cts. per doz., $1 per 100, postpaid.

Grand Duchess Oxalis

One of the finest Oxalis grown. Flowers are large, often measuring three inches in diameter, and are borne well above the foliage, the leaves being large, clover-shaped, handsome. It is a very profuse bloomer, and will remain in flower for months. We offer three colors:

Grand Duchess, Pink (large size flowers, of a bright rosy pink), **White** and **Lavender.**

Price, 5 cts. each, 12 cts. for 3, 45 cts. per doz.

SPECIAL OFFER: 2 each above, 3 varieties and 2 Buttercup Oxalis, for 25 cents, postpaid.

Double Ranunculus

Curiously formed, tooth-shaped bulbs which produce flowers of handsome form and beautiful colors. Must be well protected to endure our northern winters, but when in bloom they will repay the slight labor incurred. They are dwarf in habit, and come in various shades and colors. Put five to six bulbs, claws down, in a 5-inch pot. Culture as for hyacinths.

French. Large double flowers; rich colors.

Persian. Showy double rose-shaped flowers.

Turban. Hardier than the French variety. Peony-shaped.

Any of the above, 5 cts. for 2, 20 cts. per doz., $1 per 100

Special Offer "K." We will mail 3 Ornithogalum Arabicum, 3 Ixias, 3 Double Ranunculus, 3 Grand Duchess Oxalis, 3 Oxalis Deppei and 3 Bermuda Buttercup Oxalis, for 45 cents, postpaid.

Double Ranunculus.

Lilium Candidum

The Finest Hardy Lily that Grows

MADONNA, or ANNUNCIATION LILY

This is one of the oldest, loveliest and best-known Lilies. The flowers, of which there are three to twenty on each stem, are snow-white, with heavy yellow stamens and of the most delightful fragrance. It is hardy, and will thrive in any ordinary garden soil, preferring a position where it can get plenty of light and air. Blooms in the open ground about June 20. We recommend early planting of this Lily, as it makes its leaf-growth in fall, and thus prepares itself for early blooming. Orders should therefore be sent in on receipt of this Catalogue. The bulbs which we offer are of an improved type over those usually sold, the flowers being larger and the petals thicker, which makes it more lasting. Once planted they should not be disturbed for years, and customers will do well to plant a bed of 25 or more.

Selected bulbs, 10c. each, 27 cts. for 3, $1 per doz., postpaid; by express, 85 cts. per doz., $1.75 for 25, $6.50 per 100. **Mammoth bulbs,** 25 cts. each, 70 cts. for 3, postpaid; by express, 20 cts. each, 50 cts. for 3, $1.50 per doz., $10 per 100. **Jumbo bulbs,** 50 cts. each, $5.00 per doz. by express.

Lilium Harrisii.

LILIUM HARRISII, True Bermuda Easter Lily

This mammoth white Trumpet Lily, with flowers 4 to 5 inches long, is the best of all Lilies for winter forcing and flowering, because its grand trumpet-shaped flowers, which give forth a delicious perfume, are wonderfully beautiful and expressive. **For blooming at Christmas it is best to order bulbs as soon as you receive this Catalogue.** Our importations this season will amount to nearly half a million bulbs, and we are happy to say that a better lot of bulbs we have never offered. The immense quantity we handle enables us to obtain the **finest bulbs for our retail trade** and to offer them at lowest prices.

First Size Bulbs, which should produce from 5 to 8 flowers, 10 cts. each, 25 cts. for 3, 85 cts. per doz., postpaid; by express, 75 cts. per doz., $5.50 per 100.

Extra Size Bulbs, which should produce from 8 to 15 flowers, 25 cts. each, 70 cts. for 3, $2.50 per doz., postpaid; by express, $1.80 per doz., $3.50 for 25, $12 per 100.

Mammoth Bulbs, which should produce up to 20 flowers on a stalk, 40 cts. each, $1.10 for 3, $4.25 per doz., postpaid; by express, 30 cts. each, $3.00 per doz.

"Jumbo" Bulbs, supply very limited. 75 cts. each, postpaid; by express, $8 per doz.

LILIUM LONGIFLORUM

A variety bearing in clusters beautiful snow-white trumpet-shaped flowers of rare fragrance, almost exactly like *Lilium Harrisii* in shape, but blooms later, extending the season of that beautiful kind. This is also a splendid variety for outdoor planting, being very **hardy,** and should be planted along with Candidum, as it comes into bloom about July 10, just when Candidum has finished.

Extra Size Bulbs, 15 cts. each, 40 cts. for 3, $1.25 per doz., postpaid; by express, $1 per doz., $2 for 25, $7 per 100. **Mammoth Bulbs,** 30 cts. each, 80 cts. for 3, $3 per doz., postpaid; by express, $2.50 per doz., $4.50 for 25, $15 per 100.

SELECTION OF HARDY LILIES

Lily bulbs are ready about October 15, with the exception of Harrisii, Candidum, Umbellatum and Longiflorum, which are ready now

AURATUM (Gold-banded Lily of Japan). The queen of Lilies. Immense white flowers, each petal marked with a wide gold band, spotted with maroon; very free-blooming. It is considered by many the finest of them all. Fine bulbs, 8 to 9 inches, 15 cts. each, $1.50 per doz., extra large bulbs, 20 cts. each, $2 per doz.; mammoth bulbs, 35 cts. each, $3.50 per doz., all postpaid.

CANADENSE. This pretty Lily is one of our hardy native sorts, and bears a graceful stem of drooping, bell-shaped yellow and red flowers. 15c. ea., $1.50 per doz., postpaid.

SUPERBUM. The finest of the native Lilies. Flowers bright orange-red, thickly spotted with purple. Remarkable for immense height (often 8 feet) and profusion of bloom; a strong plant, bearing 20 to 30 flowers. 15 cts. each, $1.50 per doz., postpaid.

Lily-of-the-Valley.

TENUIFOLIUM (Siberian Lily). A native of Siberia. One of the very hardiest Lilies; flowers vivid scarlet, with petals reflexed; very showy and free-flowering, blooming early in the spring. It is very easy of cultivation, requiring only a well-drained sandy soil. 25 cts. each, $2.50 per doz., postpaid.

TIGRINUM SPLENDENS (Improved Single Tiger Lily). Very hardy native Lily; orange-red, spotted purple-black. Pretty, and bears 8 to 20 flowers when well established. 10c. ea., $1 per doz., postpaid.
FLORE PLENO (Double Tiger Lily). 12c. each, $1.25 per doz., postpaid.

UMBELLATUM. A splendid hardy Lily, and should be found in every garden; it makes a beautiful companion to *L. candidum*, as it comes into bloom at the same time, and they make a rich combination of color if planted together. Colors range from deepest red through all shades of crimson, rose, yellow, buff, apricot, etc.; blooms about June 20. 15 cts. each, $1.50 per doz., postpaid.

LILY-OF-THE-VALLEY

Fragrant and Lasting
Ready for delivery in Nov.

VAUGHAN'S "PERFECTION" PIPS

For pot culture or forcing by those who have conservatories these pips cannot be excelled, producing large fragrant spikes, crowded with bells and an abundance of dark green foliage. We import annually thousands of these pips for our florist customers, who force them for Christmas with splendid results, and we have no hesitation in recommending them as being the finest pips that are sold. 20 cts. for 6, 35 cts. per doz., postpaid; 60 cts. for 25, $2 per 100, $9 for 500, $17.50 per 1,000, by express at buyer's expense.

Large-flowering German Pips. 15 cts. for 6, 25 cts. per doz., postpaid; by express at buyer's expense, 40 cts. for 25, $1.50 per 100.

Large Imported Clumps. For outdoor planting we recommend the use of clumps. These should be planted in a shady, moist position, and being one of the hardiest of flowers they require little or no protection. 25 cts. each, $2.50 per doz., $18 per 100, by express or freight at buyer's expense. If wanted by mail, add 10 cts. each for postage.

Lilium speciosum rubrum.

SPECIOSUM SORTS

As a whole, the most desirable section of all Lilies for general cultivation. The varieties are distinct, graceful, beautiful and free-blooming. They are hardy, needing little protection.

ALBUM. Pure white and very fragrant. Extra large bulbs, 20 cts. each, $2 per doz.; mammoth bulbs, 30 cts. each, $3.25 per doz., postpaid.

RUBRUM. White ground, with band and spots of rose or crimson on each petal. One of the best and handsomest Lilies. 15 cts. each, $1.50 per doz.; extra large bulbs, 20 cts. each, $2 per doz.; mammoth bulbs, 30 cts. each, $3.25 per doz., postpaid.

MELPOMENE. Large flowers, rich blood-crimson, heavily spotted. 20c. ea., $2 per doz., postpaid.

Scilla Sibirica

One of the finest of our hardy spring bulbs, which cannot be too highly recommended. Splendid for planting as an edging or for filling small beds; if planted sufficiently thick the effect is matchless, and equally so grown in the border in groups of a dozen or a hundred. They also make fine pot-plants; if planted at intervals a succession of bloom can be had from Christmas on. Put five bulbs in a 5-inch pot. Flowers of a lovely ultramarine blue.

Mammoth Bulbs, 4 cts. each, 10 cts. for 3, 25 cts. per doz., $1.50 per 100, postpaid. **Select Bulbs,** 2c. each, 15 cts. per doz., 75 cts. per 100, postpaid.

Scilla Clusii, or Cuban Lily

This is a large bulb which produces an enormous head of dark blue, star-shaped flowers, sometimes a foot in circumference, and as the flowers open gradually, their season of bloom lasts for a long time. Not hardy, but valuable for pot culture. It is a noble plant, indeed, which should be grown extensively, as it surely will when fully known. 15c. each, 50 cts. for 4, $1.40 per doz., postpaid.

Giant Snowdrops

Snowdrops (*Galanthus nivalis*)

These beautiful little flowers, the first to open in the spring, should have a place in every garden, not only because they are the earliest spring flowers, but because they are the loveliest. They are the hardiest of all bulbs, and can be found pushing their way through the snow in early spring, flowering two weeks ahead of the crocus. The Snowdrop thrives in almost any situation or soil; it will live and bloom anywhere, surviving more hard treatment than any other plant except grass, yet there are few flowers that more highly appreciate good care and culture.

Single. 15 cts. per doz., 90 cts. per 100, $6.50 per 1,000, postpaid.

Double. 25 cts. per doz., $1.50 per 100, postpaid.

GIANT SNOWDROPS. Three times as large as the Single Snowdrops. Flowers slightly fragrant, borne on large stems, and valuable for cut-flowers. They do well in the house, blooming freely at the Christmas holidays. 10 cts. for 6, 15 cts. per doz., 90 cts. per 100, postpaid.

Sparaxis

Bulbs from the Cape of Good Hope, having flowers of the loveliest hue and remarkable shadings. Not hardy, but do exceedingly well grown in the South under similar treatment to freesias or ixias. 10 cts. for 5, 20 cts. per doz., postpaid.

Spirea, or Astilbe

Ready for delivery in November. If to go by mail, add 10 cts. per clump

While these can be used for outdoor planting where they will bloom during the summer, their great value lies in their ease of culture as a house plant. The flowers are borne in feathery plumes of white well above the foliage.

Astilboides floribunda. Produces large, pure white plumes. 10 cts. each, $1 per doz.

Astilboides superba. A splendid new variety which makes a beautiful shaped plant with abundant flowers on strong stalks 1½ to 2 feet long; pure white plumes. 35 cts. each, $4 per doz.

Compacta multiflora. An indispensable sort for furnishing cut-flowers. Far in advance of Japonica. Strong clumps, 10 cts. each, $1 per doz.

Gladstone. Produces enormous spikes of pure white flowers in great profusion of bloom, and resplendent with foliage of a beautiful green. The best of the Spireas. 35 cts. each, $4 per doz.

Japonica. Perfectly hardy, though extensively used for house culture. 10 cts. each, $1 per doz.

Spring Snowflake

(*Leucojum Vernum*)

Very hardy little plants, growing about 9 inches high and bearing pure white flowers. 10 cts. for 3, 30 cts. per doz., postpaid.

Spirea, or Astilbe

Triteleia Uniflora

A hardy little spring-blooming bulb. The flowers are white, with a delicate band of blue across the center of each petal, and are often 1½ inches in diameter. They are dwarf-growing, and should be planted thickly as an edging or in thick clumps. Will do well in any common garden soil. 3 cts. each, 25 cts. per doz., $1 per 100, postpaid.

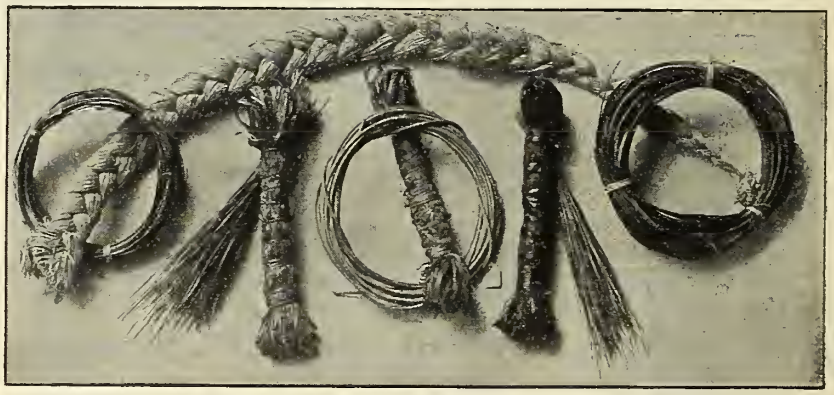
Tuberoses

Planted in pots and given a warm place in the house from October to January, these bulbs will bloom during the winter. The flowers grow on stems 18 inches high, each stem bearing a dozen or more flowers. They are pure white, wax-like, double, and very fragrant. The growing plant is fond of light and heat, and should be given the sunniest place possible. The Pearl variety, being dwarf, is the best suited for pot culture.

Mammoth Bulbs. Especially selected for our retail trade. 7 cts. each, 20 cts. for 3, 60 cts. per doz., by mail; 5 cts. each, 15 cts. for 3, 50 cts. per doz., $3 per 100, by express at purchaser's expense.

First-Size Bulbs. 12 cts. for 3, 40 cts. per doz., by mail; 10 cts. for 3, 35 cts. per doz., $2 per 100, by express.

GENERAL NOTE. The bulbs offered in this Catalogue are ready at different seasons, for instance: Dutch Bulbs, such as Tulips, Hyacinths, Crocuses, etc., by September 15; Spireas and Lily-of-the-Valley, in November, etc. We shall forward bulbs as soon as ready, holding the balance of the order until the remaining bulbs arrive, **unless** we are instructed otherwise.



RAFFIA, REEDS, SWEET GRASS, ETC., FOR CONSTRUCTION WORK

Basket-weaving from Raffia is the latest novelty in the line of artistic handicraft. Heretofore this art has been chiefly confined to Indians and with the name "Indian Baskets" was connected mystery, cunning art and high prices. Since the introduction of Raffia it has been found that the best Indian art can be closely imitated. Any one accustomed to needlework can, with a little practice, do very creditable work. Many fancy and useful articles can be made of Raffia. Baskets of all shapes and patterns, placques, napkin-rings, chatelaines, photo frames, whisk-broom holders and a hundred other things that ingenuity can devise are possible when this material is used. We are headquarters for Raffia, and besides the Natural, which is most used, we can furnish it in twelve different colors.

Write for illustrated circular giving prices and further particulars, also list of books which we can supply on this work.

80,000 feet of glass

Greenhouse Department

Beautiful winter-blooming House Plants, lovely Ferns, elegant Palms, gorgeous Chrysanthemums. Nothing so brightens the house during the long winter days; the window of plants and flowers is then doubly bright and homelike.

Asparagus plumosus nanus.

Azalea.

Begonia, Gloire de Lorraine.

ORNAMENTAL ASPARAGUS

ASPARAGUS PLUMOSUS NANUS, or Lace Fern. A beautiful plant, with bright green, gracefully arched foliage, surpassing maidenhair ferns in grace, delicacy of texture and richness of color. The fronds are 12 to 15 inches in length, and taper to a point from a width of 12 inches. One of the most beautiful decorative plants. 15 cts. each; large plants, 35 cts. each; extra large size, 5-inch pots, 50 cts. each, by express.

ASPARAGUS SPRENGERI. Perhaps the best-known plant introduced in years. Especially useful to grow as a pot-plant for decorative purposes or for planting in ferneries or suspended baskets. It grows freely the whole year round; as it withstands dry atmosphere, it makes an excellent house plant. A vigorous grower, producing sprays four to five feet long of fresh, green, feathery foliage. Useful for bouquets, wreaths or sprays, remaining perfect for weeks after cutting. Strong plants, 15 cts. each, 50 cts. for 4, $1.20 per doz. Large bushy plants, 25 cts. each. Hanging baskets 6 inches in diameter with sprays 10 to 15 inches long, $1 each, by express.

ASPARAGUS TENUISSIMUS. Very fine, filmy foliage. A handsome climbing plant for the window or pots. 15 cts. each.

One each of the three Asparagus for 50 cts., postpaid

AZALEAS

These are the finest of all winter-blooming house plants. This handsome shrub is carefully trained and prepared for blooming. The form is symmetrical and the size 12 to 18 inches across. When the flowers, which are about 2½ inches in diameter, open, the whole plant is a mass of showy bloom. The color varies from pure white to deep crimson-scarlet. The plants arrive and are ready for delivery about November 10. Small, 75 cts. each; medium, $1; large, $1.50; extra large, $2.50, by express.

Norfolk Island Pine.

ARAUCARIA EXCELSA

NORFOLK ISLAND PINE

This beautiful plant resembles the pine somewhat in appearance, though much finer in texture; it is particularly adapted to table decoration. It is most unique in appearance, the branches being arranged in neat, symmetrical whorls. Plants 10 to 12 inches high, with 3 to 4 whorls, $1 each; 14 to 16 inches, 4 whorls, $2 each; 22 to 24 inches, 5 to 6 whorls, $3.50 each, all by express.

NEW BEGONIA, GLOIRE DE LORRAINE

This is undoubtedly the grandest and most beautiful of all flowering Begonias ever introduced. It grows from 12 to 18 inches high, forming naturally graceful, bushy specimens, and is continually loaded with bright pink flowers in large clusters from October until summer. Blooming plants, 3-inch pot, 50 cts. each; large size, 4-inch pot, $1 each, by express, prepaid; large specimen plants in full bloom, $2 and $3 each.

REX BEGONIA, MRS. E. BONNER

Fine, upright grower, regularly but not deeply notched. The leaf is light, silvery green, ribbed and edged with reddish, metallic bronze. 15 cts. each, 2 for 25 cts.

CALLAS, TRUE LITTLE GEM, or MINIATURE

The plant is a miniature form of the old-fashioned Calla. A full-grown specimen stands only 8 to 10 inches high, and is rarely without flowers. 15 cts. each, 25 cts. for 2, 50 cts. for 5.

NEW CACTUS, PHYLLOCACTUS. DEUTSCHE KAISERIN

A grand new flowering Cactus from Holland. A curious plant with thin wide fleshy stems, the edge being covered with fine little puckers. When full grown it forms a bushy plant about 18 inches high. Flowers throughout the year. The flowers are crab-shaped, fully 3 to 4 inches long and of a beautiful rose-pink color. The stem and foliage are a light green, and combined with the pink flowers are magnificent. Will thrive in any living-room and stand almost any kind of treatment. 15 cts. each, $1.50 per doz.; 3-inch pots, strong blooming size, 25 cts. each, $2.50 per doz.

CARNATIONS

STRONG PLANTS

Gov. Wolcott. Large, pure white.
Crusader. The finest bright scarlet.
Harlowarden. Large; crimson.
Marshall Field. White, red stripe.
Cressbrook. Deep satiny pink.
Enchantress. Delicate light pink.

First size, 15c. each, the six for 75c., postpaid; large field plants, 25c each, the six for $1, by express, at buyer's expense (too large to mail); 25 for $2.

Carnation.

UMBRELLA PLANT

Cyperus alternifolius

As decorative as a palm; thrives excellently in soil or water. Hardy, useful and beautiful window house plant for all seasons. 15c. ea.; extra size, 30c.

Chrysanthemums.

CHRYSANTHEMUMS STRONG BLOOMING PLANTS

FOR OCTOBER, NOVEMBER AND THANKSGIVING

Mammoth White. Large, high-built flowers.
Brilliant Red. Beautiful, dark red flowers.
Splendid Pink. Satiny pink, large flowers.
Gorgeous Yellow. Extra fine, large, deep yellow.

Bushy plants in bud and bloom in 6-inch pots, by express at buyer's expense. 75 cts. each

Exhibition Plants of Chrysanthemums.—We have them in stock, coming on for November flower shows. Specimen Plants ready from October 25 to November 15, in 8- or 10-inch pots, at $1.50, $3 and $5 each, according to size and variety. Per doz., 10 per cent off.

6 GRAND NEW GERANIUMS FOR WINTER BLOOMING

JEAN VIAUD. New. This is the finest Geranium, winter- or summer-blooming, we have ever grown. Flowers semi-double, of largest size, on immense stalks. Color a fresh, bright rose-pink, the two upper petals marked with white blotches, adding greatly to the freshness of the coloring; grand ever-bloomer and of ideal shape. 10 cts. each.

WILLIAM LANGGUTH. This Geranium is needed for winter, for it has leaves with the most distinct creamy white border; first-class bloomer, forming large trusses of double bright red flowers, entirely new and distinct from all other variegated sorts. Fine plants ready for winter work, 15 cts each.

LITTLE PINK. New. This is of dwarf habit, never growing over 6 to 8 inches high. Very free-flowering in winter. Color double light pink. 10 cts. each.

MAD. HOSTE. Single; soft rosy scarlet, with large white eye, circular florets. 10 cts. each.

J. J. HARRISON. The best semi-double scarlet of any type ever produced; exceptionally large. Plant of vigorous growth and free-blooming; the color is an admirable vivid scarlet. 10 cts. each.

HARRY CLEARY. A clear deep pink semi-double flower, forming large trusses. The petals are curled and twisted, giving the large trusses the appearance of a pink peony. The plant is an ideal bedder and of somewhat dwarf, compact habit. 10 cts.

Special Offer. For 60 cts. we will send, postpaid, one each of the Six Grand Winter-Flowering Geraniums described above, or twelve for $1.

Please read carefully our offers of **Strong Blooming Plants,** and **Exhibition Plants** mentioned above, noting their sizes and especially time of delivery.

NEW IVY-LEAVED GERANIUM, Leopard

This is the most distinct novelty in the Ivy-leaved section yet originated. The flower is large, semi-double; the color is remarkable, being fully as rich and distinct as an orchid; the ground is a clear lilac-pink, the upper petals being heavily blotched with deep crimson and usually marked with distinct maroon dots. 25 cts. each, 60 cts. for 3.

Beautiful Weeping Lantana

One of the few plants that cannot be too highly recommended. The plant is of very rapid growth and graceful drooping habit, with lovely dark green foliage, producing a cluster of flowers at each leaf. The flowers are most delicate, clear brilliant rosy lilac color. 10 cts. each, 25 cts. for 3, 50 cts. for 7, $1 for 15, postpaid.

New Silver-leaved Geranium, William Langguth.

THE CHRISTMAS, OR CELESTIAL PEPPER

One of the very best of plants for Thanksgiving and Christmas use. The plants are covered with bright-colored, cone-shaped fruit in October which last until Christmas. It grows about 12 to 15 inches high and the fruit is borne right above the foliage, as shown in our illustration, and therefore present themselves to best advantage. For several years we have made a specialty of this plant at our greenhouses, where we have grown several thousand in a season, and the plants have sold like the proverbial "hot cakes." We offer several sizes: For delivery up to November 1, strong plants from 3-in. pot, 15 cts. each, 75 cts. for 6, postpaid; 4-in., 25 cts. each, $1.25 for 6, postpaid. After November 1, by express only, strong plants from 5-in. pot, full of fruit, 50 cts. each, $2.50 for 6; 6-in., full of fruit, 75 cts. each, $4 for 6.

American Wonder Lemon.

American Wonder Lemon

In this wonderful Lemon we have the rich, glossy leaves like the dwarf orange, which are so easily kept clean. Its blossoms are waxy white, like a tuberose, and as fragrant as orange blossoms, producing fruit five times as large as the ordinary Lemon. First size, 20 cts. each, 50 cts. for 3; second size, large plants, 40 cts. each, $1 for 3, prepaid. Large plants, 50 cts. each, $1 for 3, by express only.

OTAHEITE, The Dwarf Orange Tree

A most attractive and interesting plant ornament for window or conservatory. They will bloom and fruit when the plants are surprisingly small. The flowers are delightfully fragrant. 15 cts. each; large plants, 18 to 24 inches, bearing fruit, by express only, $2.50.

Christmas Pepper.

Choicest Palms and Ferns

FOR HOUSE DECORATION

No home is complete without a handsome Palm or Fern as a decoration for the parlor, sitting-room or dining-room. We offer them in all sizes, at prices within the reach of everyone.

Kentia Belmoreana

The most popular parlor Palm we grow. Hardy and rugged; under all kinds of treatment it grows sturdily on, throwing up a new leaf with most satisfactory regularity. Beautifully curved and reflexed deep green leaves.

6 inches high, 25 cts. each, postpaid.
10 ins. high, 50c. each, postpaid,
15 inches high, 75 cts. each, by express at buyer's expense.
20 inches high, very fine plants, $1.50 each, by express.
24 inches high, extra choice and bushy, $2.50 each, by express.

RUBBER PLANT (*Ficus elastica*)

One of the finest house plants, sure to give satisfaction to every one. The large, shining green leaves seem to endure the dry air of the living-room better and will stand more hard usage than any other plant we know of. Splendid plants, 15 inches high, 65 cts. each; 18 inches, $1; 2 feet, $1.35; 2½ feet, $1.70; 3 feet, $2.25, by express at buyer's expense.

CHINESE PRIMROSES

Prettiest and most free-flowering plants for winter-blooming. Our plants are healthy, well-rooted, sturdy, and will soon be in bloom. We have the following colors:

Red, White, Blue and **Pink.** 15 cts. each, 50 cts. for the 4, or $1 per doz., postpaid.

Primula Obconica

Always completely covered with flowers, which are of a soft lilac shade and very charming. 15 cts. each, 25 cts. for 2.

SPECIAL OFFER. One Chinese Primrose (choice of color) and one Primula Obconica for 25 cts. postpaid.

Leaf of New Ostrich Plume Fern (Piersoni.)

THE BOSTON FERN

Nephrolepis Bostoniensis

This is a wonderfully healthy, rapid-growing and graceful house plant. In great demand. Many people have bought it in preference to the finest palms or rubber plants. Thrives in all rooms; gas or furnace heat does not seem to injure it. Fronds are often 6 to 7 feet long, a 4-inch plant increasing to 10-inch size in a year, besides making many new offshoots. A good-sized plant contains from 20 to 40 fronds, and the fresh ones continually coming out with new growth are very beautiful. Best of all for hanging baskets. Our plants are all well established in pots, not weak runners torn loose from soil.

Price, prepaid, first size, 2½-inch pots, 15 cts. each, 40 cts. for 3, $1.50 per doz.; second size, 3-inch pots, 25 cts. each, 60 cts. for 3, $2 per doz.; third size, 4-inch pots, 50 cts. each, 75 cts. for 2, $4 per doz. Price by express, at buyer's expense, fourth size, 5-inch pots, bushy plants, 75 cts.; fifth size, 6-inch pots, extra large and full, $1; sixth size, 7-inch pots, extra fine plants, $2; specimen plants, like cut, $5 to $8 each.

Special Offer No. 314. 1 Piersoni Fern and 1 Boston Fern for 25 cts., postpaid.

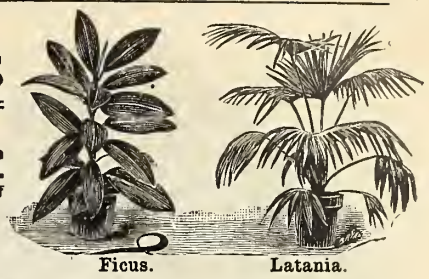
"MIKADO" FERN BALL

Fern Roots, about the size of a pencil, woven outside and around a ball of moss. These roots produce beautiful sprays of ferns from eyes, or buds, at nearly every inch of their length. Thus the whole surface soon becomes covered with fern sprays. Cultural directions with each order.

We offer two sizes. 3-inch dormant Balls, 75 cts. each, $2 for 3, $7 per doz., all prepaid; 5-inch in diameter, 50 cts. each, $1.35 for 3, $5 per doz., all prepaid.

BELMONT, OHIO, *May 13, 1903.*

I want to thank you for the splendid Roses received a few days ago. We have bought a great many Roses, but never received such fine ones before by mail. They were as fresh and nice as could be, and we very much appreciate your generosity in sending such nice ones. With best wishes for your success, MISS M. LOUISE SCHOOLEY.



Ficus. Latania.

Latania Borbonica

Of easy culture and rapid growth. Large, broad, fan-shaped, glossy dark green leaves.

10 inches high, 25 cts. each postpaid.
15 inches high, 50 cts. each, postpaid.
20 inches high, $1 each, by express.
24 inches high, $2 each, by express.
30 inches high, $2.50 each, by express.

Chinese Primrose.

New Ostrich Plume Fern (Piersoni)

Beautiful broad plume-like fronds measuring 6 inches across and 3 feet long when fully developed. 15 cts. each; larger sizes, same price as the Boston Fern.

Boston Fern.

Crimson Rambler Rose.

HARDY ROSES

FOR FALL PLANTING

CRIMSON RAMBLER. We consider this the most wonderful of all the new Roses. We have had this summer branches seven feet long, loaded down with large clusters of these brilliant red Roses. One would hardly believe it possible that so many could be produced on one shoot. A superb climber, cannot he excelled, while it is also magnificent in hush form. One of the striking characteristics of this Rose is its remarkable color, which is of the brightest crimson and remains so to the end. The flowers with which the plant is covered are produced in large trusses of pyramidal form carrying thirty to forty flowers, which remain on the plant a long time. The foliage is bright green and glossy, and contrasts finely with the bright crimson of the Rose. The plant seems to be as hardy as the old Prairie Queen. Every garden should contain this grand Rose.

	Each	Doz.
Strong young pot-plants, by mail	$0 15	$1 50
Strong 1-year-old plants, by mail	25	2 50
Selected 2-year-old plants, by express	50	5 00
Mammoth size, 3-year-old, by express	1 00	10 00
Grown to tree form, bushy tops	1 50	10 00

THE PHILADELPHIA RAMBLER. It differs from the Crimson Rambler in two important particulars. First, the color is brighter, deeper and more intense. Second, the flowers are perfectly double to the center. It is a strong, healthy grower, and a free and abundant bloomer. Two-year-old plants, 60 cts. each, $6 per doz.

NEW DWARF EVERBLOOMING CRIMSON RAMBLER.

MADAM NORBERT LEVAVASSEUR.

A dwarf-growing everblooming Crimson Rambler. This blooms when a small plant and forms clusters of flowers as large as the Crimson Rambler. Possesses also its charming brilliant red color and blooms uninterruptedly from June until fall. It forms plants growing from 12 to 16 inches high. It is one of the best Roses for groups and borders. Everybody knows and admires the Crimson Ramhler Rose, and nearly everybody has or intends to get one. In this dwarf upright hedder we have a Rose sure to he equally a universal favorite, and it will be used hy hundreds where the Rambler is used hy tens, for it beds out to perfection and blooms many weeks longer, and in color, mass and effect is even more vivid, profuse and striking. Healthy vigorous plants, from 2-inch pots, 50 cts. each, by mail 55 cts. Splendid for winter blooming.

HYBRID PERPETUAL ROSES

Dormant 2-year-old

MOST POPULAR AND HARDY OF ALL ROSES

The plants we offer are strong 2-year, field-grown roots, ready for planting end of October.

American Beauty. Deep rich rose-color.
Alfred Colomb. Bright cherry-red, shaded crimson.
Ball of Snow. Pure white; very free-blooming.
Baroness Rothschild. Rich satiny pink; one of the best.
Captain Christy. Delicate flesh-color; one of the best.
Fisher Holmes. Dark rich scarlet; large flowers.
Giant of Battles. Bright red; very large, full and sweet.
Gloire Lyonnaise. Light creamy yellow; distinct.
John Hopper. Brilliant rose-pink, cup-shaped flowers.
La France. Pink satiny rose; a constant bloomer.
Mad. Plantier. The best white Rose for general use.
Magna Charta. Clear rosy red; a beautiful Rose.
Marshall P. Wilder. Bright scarlet-crimson.
Mrs. John Laing. Beautiful soft pink; very free-flowering.
Merveille de Lyon. Creamy white, shaded rose.
Prince Camille de Rohan. Velvety crimson, shaded scarlet.
Paul Neyron. Deep shining pink.

Extra strong 2-year-old field-grown plants, by express, 30 cts. each, $3 per doz., $20 per 100

HARDY CLIMBING ROSES

Prairie Queen. Bright pink.
Baltimore Belle. Blush white.
Seven Sisters. Pink.
Cumberland Belle. Pink.
Climbing Clothilde Soupert. White.
Dorothy Perkins. Pink.
White Rambler.
Pink Rambler.
Yellow Rambler.

Extra size plants, field-grown, 2-year-old, 25c. ea., 90c. for 4, $2.40 per doz., by express

ENGLISH SWEET BRIAR ROSES. Highly prized on account of the delightful fragrance of their leaves and young branches. Strong 2-year-old bushes, 40c. each, $1 for 4, by express; $20 per 100.

RUGOSA ROSES

Rugosa alba. Crowded with clusters of pure white flowers; foliage dark green and glossy, its large, scarlet fruit being very handsome in the autumn.
Rugosa rubra. Identical with above, except in color, which is a beautiful red.
Mad. Geo. Bruant. Blossoms in clusters. Semi-double pure white flowers. Fine for cemetery planting.

Strong 2-year-old bushes, 30 cts. each, 75c. for 3, by express; $3 per doz., $20 per 100

SIX GRAND POT-GROWN ROSES

For Winter Blooming

Bridesmaid. Satiny pink.
American Beauty. Deep rich rose.
Clothilde Soupert. Shading to pearly white and to purest rose.
Hermosa. Free-flowering; bright pink.
Meteor. Large, deep crimson flowers.
White Maman Cochet. Large and full; pure white.

For any of the above Roses, 10 cts. each, or 50 cts. for the 6, postpaid

Pot-grown Strawberry Plant.

Small Fruits for Fall Planting

CURRANTS—Fay's Prolific, Red Dutch and **Marvin's Crystal.** 2-year-old plants, 20 cts. each, 50 cts. for 3, $1.50 per doz., all by express.

GOOSEBERRIES—Keepsake and **Houghton.** 2-year-old, 25 cts. each, 60 cts. for 3, $2 per doz., by express.

GRAPES—Concord, Brighton, Delaware, Niagara and **Worden.** 2-year-old vines, extra heavy, 25 cts. each, $1 for 6, by express.

RASPBERRIES—Loudon and **Older.** 10c. each, 75 cts. per doz., postpaid.

BLACKBERRIES—Snyder and **Eldorado.** 60 cts. per doz., $2.50 per 100, by express.

Pot-Grown Strawberry Plants

If to go by mail, add for postage 10 cts. per doz., 50 cts. per 100; otherwise we ship by express

These pot-grown plants will produce a moderate crop the first season if ordered at once and planted before September 30. Varieties marked (P) have imperfect flowers; they will not produce well unless every third or fourth row or plant is a perfect-flowering variety, as all are that are not marked.

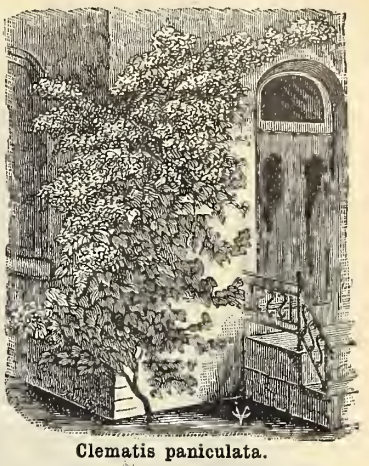
Price, pot-plants, 50 cts. per doz., $2 for 50, $3.50 per 100, by express

Rough Rider, Gandy
Bubach (P), Brandywine,
Senator Dunlap, Excelsior,
Haverland (P), Warfield (P).

Runners of above varieties, $2 per 100, by express

HARDY CLIMBING VINES

READY OCT. 20



Clematis paniculata.

CLEMATIS PANICULATA

Grand new hardy Clematis, quickly covering trellises. The flowers are of medium size, pure white, borne in immense sheets and of delightful fragrance. If planted early in the fall, they will be well started before cold weather. Require no protection. Strong plants by mail, 20 cts. each, 50 cts. for 3. Strong 2-year-old plants, 40 cts. each, $1 for 3. Strong 3- and 4-year-old plants, 50 cts. to $1 each, according to size.

LARGE-FLOWERING CLEMATIS

Jackmani. Purple.
Alba. White.
Gypsy Queen. Deep purple.
Henryi. White.
integrifolia Durandi. Indigo-blue.
Nelle Moser. Rosy carmine.

Strong 2-year-old plants, 75 cts. each, prepaid; 4 for $2, by express

BOSTON IVY (*Ampelopsis Veitchi*)

It clings firmly to the smoothest surface, covering walls, etc., smoothly with overlapping leaves, which form a perfect mass of foliage. The color is a fresh, deep green in summer, changing to the brighest shade of crimson and yellow in autumn. **When planting in the fall** it will be best to cover them with straw through the first winter. Two sizes, 25 cts. and 40 cts. each; $4 per doz., by express.

THE NEW AMPELOPSIS, ROBUSTA PURPUREA. Has the same habit as the Veitchi, with purplish foliage, and is a more hardy and vigorous grower. Strong 3-year-old pot-plants, $1.50 each, $15 per doz.

AMPELOPSIS ELEGANS (The Variegated-leaved Veitchi). Strong 2-year-old vines, 25 cts. each; 3-year-old, by express, 40 cts. each, 6 for $2.

	Each	Doz.
AMPELOPSIS quinquefolia, or **Virginia Creeper**	$0 25	$2 50
AKEBIA quinata. Large size	25	2 50
BIGNONIA grandiflora, or **Trumpet Creeper.** Large size	$0 50	$5 00
WISTARIA, Purple. Large size	50	5 00

HARDY SHRUBS FOR FALL PLANTING

READY ABOUT OCTOBER 20

Prices given below are all for large-sized bushes, to go by express at buyer's expense. Buyers will find it to their advantage to plant the larger sizes, they giving the best satisfaction. For a complete list of all sizes in shrubs, refer to our last spring's catalogue.

	Each	Doz.
ALTHEAS. Double red, white and purple. Strong	$0 25	$2 50
BERBERIS purpurea. Strong	25	2 50
B. Thunbergii. Strong	30	3 00
CYDONIA Japonica (Japan Quince). Strong	40	4 00
CRATÆGUS—Alba and **Coccinea.** Strong	50	5 00
CORNUS. Double red and white. Strong	25	2 50
CRAB, Bechtel's Flowering. Strong trees	1 00	10 00
DEUTZIAS—Crenata fl. pl., Pride of Rochester and **Candidissima**	40	4 00
FRINGE. Purple and white	50	5 00
FORSYTHIA viridissima	35	4 00
HYDRANGEA paniculata	40	4 00
HYDRANGEA paniculata. Standard or tree form	$1 00	$10 00
LILACS—Charles X, Rubra de Marley, Alba, Persian (blue and white)	40	4 00
PTELEA trifoliata aurea	40	4 00
PHILADELPHUS coronarius	25	2 50
SPIRÆAS—Arguta, Billardii, Bumalda, Anthony Waterer, Fortunei rosea and **Van Houttei**	40	4 00
SNOWBERRY	35	3 00
TREE HONEYSUCKLES. White and pink	50	5 00
VIBURNUM, or **Common Snowball**	25	2 50
WEIGELA nana variegata	35	3 00

HARDY PERENNIAL PLANTS

SUITABLE FOR FALL PLANTING. READY ABOUT OCTOBER 20

Prices are all for strong roots. For a more complete list and description, refer to our last spring's catalogue.

	Each	Doz.
AQUILEGIAS. All kinds	$0 15	$1 50
ARUNDO Donax variegata	30	3 00
BOLTONIA asteroides	15	1 50
CAMPANULAS	15	1 50
COREOPSIS lanceolata	15	1 50
CAREX Japonica variegata	20	2 00
CHRYSANTHEMUM maximum	15	1 50
DELPHINIUM hybridum	25	2 50
DAISY, Shasta	30	3 00
DIANTHUS barbatus	15	1 50
D. plumarius	15	1 50
DIELYTRA spectabilis	20	2 00
EULALIA gracilis	15	1 50
E. zebrina	15	1 50
EUPATORIUM ageratoides	25	2 50
E. cœlestinum	25	2 50
FUNKIA, Variegated-leaved	15	1 50
F. alba and **lancifolia**	15	1 50
GAILLARDIA grandiflora	15	1 50
GYPSOPHILA paniculata	15	1 50
HELIOPSIS Pitcherianus	$0 15	$1 50
HELENIUM autumnale superbum	15	1 50
HELIANTHUS multiflorus plenus	15	1 50
HEMEROCALLIS, Lemon Lily	10	1 00
INCARVILLEA Delavayi	50	5 00
IRIS, Japan, in 20 sorts	30	3 00
i., German, in 10 sorts	15	1 50
LAVENDER, Sweet	15	1 50
LYCHNIS Chalcedonica fl. pl.	15	1 50
L. splendens	15	1 50
MONARDA didyma	15	1 50
PHALARIS arundinacea	10	1 00
PHLOX subulata. Pink and white	15	1 50
PYRETHRUM roseum	10	1 00
PLATYCODON Mariesi	15	1 50
P., White and **Blue**	15	1 50
PINKS, Garden. Assorted kinds	15	1 50
RUDBECKIA, Golden Glow	10	1 00
STOKESIA cyanea	25	2 50
TRITOMA Pfitzeri	25	2 50

NEW EARLY LARGE-FLOWERING HARDY PHLOX

These we consider the most desirable of all hardy perennials. The immense flower-heads often measure from 7 to 9 inches across, with flowers as large as a silver dollar. We offer a collection of 8 choice kinds (we have other named kinds, and can make up a collection of 40 choice sorts). See our last spring's catalogue for full description.

Alceste. White, shaded lilac.
Coquelicot. Orange-scarlet, crimson eye.
Henry Murger. White, bright rose eye.
Jean Liabaud. Rosy pink, dark center.
J. A. Kramer. Clear rose-pink.
J. T. Temple. Deep salmon-pink.
Mad. Pape Carpenter. Pure white.
Montagnard. Crimson; very bright.

Price of any of the above, large field plants, 25 cts. each, $2,50 per doz., $20 per 100
Or the collection of 8 for $1.75, postpaid

New Large-flowering Hardy Phlox.

FLOWER SEEDS FOR FALL SOWING

Pansies

Pansies delight in the moist weather of early spring, showing then the most superb colors and largest blooms. To secure such early blossoms, **plant in the fall,** from August to November. Nearly all florists sow their Pansy seed in the fall. Full directions for culture on all our packages. We bave the following grand mixtures, unexcelled in the world.

Vaughan's "International Pansies"

889. Received the only award for Mixed Pansies at the World's Fair. It is today hetter and more complete than ever. It contains the cream of the stock of ten Pansy specialists. Tbere is no better mixture in existence, as all the florists who saw or used it can tell you. Pkt. (250 seeds) 25c., 3 pkts. (750 seeds) 65c., 5 pkts. $1.

Vaughan's "Giant Pansy Mixture"

890. This mixture includes the ricbest reds, coppers and bronzes, together with the most delicate rose and pink sbadings, all the distinct colors of Trimardeau, and the splendid Cassier strain with its delicate veinings. Pkt. (250 seeds) 20 cts., 3 pkts. 50 cts., ⅛ oz. $1.

891. The same pkt. of 100 seeds, 10 cts.

Vaughan's Collection of Giant Pansies

892. One packet (containing 50 seeds) each of Giant White, Giant Yellow, Giant Beaconsfield, Giant Striped, Giant Emperor William, Giant Copper Color and Giant Paris. 7 pkts. for 25 cts.

856. **VAUGHAN'S PREMIUM PANSY MIXTURE.** Introduced by us several years ago. Has held its own, and we can only say that it is as choice and desirable as ever. Pkt. 10 cts., 3 pkts. 25 cts., ⅛ oz. $1.

851. **VAUGHAN'S CHICAGO PARKS BEDDING PANSIES.** Mixed. Pkt. 5 cts., 3 pkts. 12 cts., ⅛ oz. 25 cts.

"Masterpiece," New Giant Curled Pansy

838. This strain comes nearer to double Pansies than anything ever introduced under that name. In reality, the numher of petals is the same as that in other Pansy flowers, but they are crimped and curled in such a fashion that the flowers appear douhle. The flowers are of enormous size, often 3 inches across, and the color variations and combinations are odd and striking. Pkt. (200 seeds) 20 cts., 3 pkts. 50 cts.

Vaughan's International
CHINESE PRIMROSE MIXTURE

1029. The culture of these lovely flowers is much easier than most people think. Every one can have a nice collection of them by following the cultural directions printed on each package. Our mixture includes not only all the choicest colors of the single-flowering Primulas in all tbeir dainty shades, but it comprises also seed saved from hybridized flowers and the new blue Primula. Pkt. (100 seeds) 15 cts., 2 pkts. 25 cts.

Cyperus (Umbrella Plant)

406. Grows finely in water with rich soil or mud, throwing up long stalks with narrow green leaves. Easily raised from seed. Pkt. 10 cts.

Schizanthus (Butterfly-Flower)

1059. Charming little annual. Flowers are as pretty as orchids, and freely produced. Of easiest culture. Pkt. 5 cts., ½ oz. 15 cts.

Eschscholtzia

523. This is an attractive pot-plant, both in foliage and flower, and blooms profusely during the winter. The foliage is handsome; the flowers are like a tulip, of a most beautiful deep brilliant yellow color. Pkt. 10 cts.

GIANT-FLOWERED CYCLAMEN

The flowers are of mammoth size and are borne well above tbe foliage, on long, stiff stems. The coloring includes the most brilliant as well as the most delicate shades: deep crimson; purest white; rose and white, with carmine spots and flakes. The foliage is also handsome, being thick, fresh, large, rich and green, with showy light markings. The culture of Cyclamen from seed is comparatively easy, and is surely much more satisfactory and economical than from bulhs.

898. **Mont Blanc.** Snow-white; large.

399. **White,** with pink eye.

400. **Roseum.** Lovely pink.

401. **Dark Crimson.** Deep rich color.

Any of the above, pkt. of 10 seeds for 15 cents.

402. **Mixed.** 10 seeds, 10 cts.; 25 seeds, 25 cts.

CINERARIA

372. **VAUGHAN'S INTERNATIONAL MIXTURE.** This is a mixture of the finest English, French and German strains; the flowers are very large, from 7 to 9 inches in circumference, and in the most hrilliant colors. We sell a large quantity to florists, who often sell their plants for $1 each. Pkt. (200 seeds) 25 cts.

373. **Cineraria hybrida, Mixed.** Such as is ordinarily sold. Pkt. 10 cts.

374. **Double Cinerarias.** Extra fine mixed. Pkt. 25c.

Diamond Flower

637. One of the loveliest little annuals known, rarely growing over 2 inches in height, and forms a tuft of beautiful foliage, which is completely smothered in a profusion of white and violet hlossoms, glistening like diamonds. It will he in bloom within a month from time of sowing the seed at any time of year. Sprinkle a few seeds in a small pot or saucer, or in pots where other plants are growing, and within a month you will have a most charming mat of foliage and flowers, covering the surface of the soil like moss. Pkt. 10 cts.

Dwarf Nasturtiums

762. **VAUGHAN'S SPECIAL MIXTURE.** Three to four seeds put in a 4- or 5-inch pot will soon bloom, and continue for a long time. Pkt. 10 cts.

758. **Ordinary Mixture.** Pkt. 5 cts.

Biennials and Perennials for Fall Sowing

	Pkt.
Aconitum Napellus (Monkshood). Blue	$0 05
Adonis vernalis. Bright yellow	05
Alyssum saxatile (Gold Dust)	05
Aquilegia (Golden Columbine)	10
Chrysantha grandiflora alba. White	10
Cœrulea. Beautiful sky-blue	05
Vulgaris, Double White	05
" " Mixed	05
Arabis alpina (Alpine Rock-Cress). White	05
Asperula odorata (Woodruff)	10
Aster, Perennial sorts. Finest mixture	10
Campanula pyramidalis (Chimney Harebell). Blue; 5 ft	10
Pyramidalis alba. White	10
Calycanthema (Cup-and-Saucer). Mixed	10
Perennial Sorts in Finest Mixture	05
Chrysanthemum maximum (Ox-Eye Daisy). White	10
Coreopsis lanceolata. Golden yellow	05
Daisy (Bellis). Fine Mixed	05
Double Pink (Longfellow)	05
Mammoth White. Double	10
" Mixed. Extra choice	10
Delphinium elatum hybridum, Mixed	10
Formosum. Blue; 3 feet	05
Chinensis, Double and Single Mixed. 2 ft	10
New Double Hybrids, Mixed. Very choice	15
Many Perennial Varieties, Mixed	10

	Pkt.
Dianthus barbatus (Sweet William), Single Mixed	$0 05
Barbatus, Giant-flowered Single Mixed	10
" " " Double Mixed	10
Plumarius (Pheasant-Eye Pink), Single Mixed	05
" Double, Fine Mixed	10
Digitalis grandiflora (Golden Foxglove)	05
Edelweiss (*Gnaphalium Leontopodium*)	10
Forget-Me-Not, Alpestris, Blue	05
Alpestris, White	05
Victoria	10
Dissitiflora	10

HARDY PERENNIAL GAILLARDIA

The flowers are of the most brilliant shades of orange, crimson, scarlet and vermilion 05

Geum atrosanguineum fl. pl. Double, scarlet .. 10

Gypsophila paniculata. White 05

VAUGHAN'S PRIZE HOLLYHOCKS

All our seeds of this beautiful plant have been saved from the finest and largest double flowers.

Double White, Pink, Canary-Yellow, Crimson, Salmon, Faust. Any of the above, pkt. 10 cts., any 3 for 20 cts.

Vaughan's Prize Hollyhocks, in the largest variety mixed. Pkt. (100 seeds) 10 cts, 3 for 25 cts.

Single Hollyhocks. Mixed. Pkt. 5 cts.

	Pkt.
Heuchera sanguinea. Blood-red	$0 10
Iberis sempervirens (Hardy Candytuft)	05
Tenoreana. Earlier than above	10
Gibraltarica. Lilac flowers, shading to white	05
Lathyrus (Perennial Pea). White, Pink, Red, Mixed, each	05
Linum perenne (Perennial Flax). Blue; 2 ft	05
Perennial Sorts, Mixed	05
Lobelia cardinalis. Scarlet	10
Lychnis Chalcedonica (Lamp Flower). Scarlet	05
Haageana, Mixed	10
Papaver nudicaule (Iceland Poppy), Mixed	10
Alpinum, Mixed	10
Orientale (Oriental Poppy). Dark red; 2 ft	10
Many Perennial sorts, Mixed	10
Phlox, Choice Perennial Mixed	10
Platycodon Mariesi	10
Mariesi flore alba	10
Primula veris (Polyanthus), Fine Mixed	10
Auricula, Fine Mixed	20
Vulgaris (Yellow Primrose)	10
Pyrethrum roseum. Single Mixed, ⅛oz., 25c.	10
Roseum hybridum fl. pl. Double Mixed	25
Uliginosum. Large, white, single; 6 feet	10
Scabiosa Caucasica. Lavender; 3 feet	10
Statice latifolia. Deep lavender-blue flowers	05
Wallflower, Best Double Mixed	10
" Single Mixed	05

Winter Wheat

Change of seed is certain to produce an increase of quantity and an improvement in quality. To continue to plant old and run-out kinds may often cause a loss of three times the cost of new seeds.

In peck lots or over, we deliver goods free at depot or express office in Chicago (for New York price on bushel lots and upward, add ½ cent per pound), the purchaser in all cases paying freight or express charges.

Defiance, Turkish Red Wheat

SELECTED STOCK (Bearded)

For hardiness, productiveness and quality of grain this new Wheat is unequaled. It stools out the best of any variety we know of. Heads are of good size, and a great many of them to each root. Price, by mail, lb. 25 cts., 3 lbs. 65 cts.; by freight or express at purchaser's expense, pk. 60 cts., bus. $1.70, 10 bus. $15.75, bags included.

Dawson's Golden Chaff Wheat

Best of the new bold Wheats; has a very stiff straw and a large, faultless head. It has produced phenomenal yields, but no bold varieties are as hardy as the bearded ones. Under favorable conditions this Wheat has produced 21 bushels. Price, by mail, lb. 25 cts., 3 lbs. 65 cts., by freight or express at purchaser's expense; pk. 60 cts., bus. $1.70, 10 bus. $15.75, bags included.

Mealy Seed Wheat

Mealy Seed Wheat has yielded over 30 to 48 bushels per acre. It is very hardy, resisting winter and the fly. It is a red, beardless variety of the very best milling quality. The Ohio Experiment Station has placed this variety at the head of some 60 sorts tested for highest yield. Price, by mail, lb. 25 cts., 3 lbs. 60 cts.; by freight or express at purchaser's expense, pk. 60 cts., bus. $2.

4 samples new Wheat, Rye and Winter Oats mailed for 10 cts.

BERSEEM, OR EGYPTIAN CLOVER

This is an annual Clover and also a winter Clover for warm countries where irrigation is practiced. Under such conditions it grows with remarkable rapidity, outgrowing most weeds and yielding one of the most nutritious and palatable fodders known. The root system of Berseem is **remarkable for its abundant tubercles.** Sow 15 to 20 lbs. per acre with drill; if broadcast, about 3 pecks. ¼lb. 20 cts., lb. 60 cts., postpaid. By express or freight, lb. 50 cts., 10 lbs. $4.

SUGAR CANE—EARLY AMBER

The use of this as a fodder crop is enormous. Its use for sugar-making is too well known to need description. Sow 50 pounds to the acre. Pkt. (¼lb.) 10 cts., lb. 20 cts., postpaid; 10 lbs. 60 cts., 50 lbs. $2.25, 100 lbs. $4.

CLOVER

Crimson. 60 lbs. to bus. Choice home-grown, new crop seed. Lb. 25 cts., postpaid; by freight or express, 10 lbs. $1, bus. $4.50, 100 lbs. $7; bags, 15 cts. extra.

Medium Red. 60 lbs. to bus. Lb. 30 cts., postpaid; by freight or express, 10 lbs. $1.50, bus. $7.50, 100 lbs. $12. Bags 18 cts. each extra.

Sand, or Winter Vetch.

COW-PEAS (The Great Soil Improver)

Green crops plowed under is one of the best and cheapest ways of improving the soil. For this purpose the Cow-pea is most popular, especially for medium or light soil. Sow 1½ bushels to the acre, and plow under as soon as they have attained their full growth.

Southern Black-Eye. Pkt. 10c., pt. 20c., qt. 35c., postpaid; pk. 60c., bus. $2.25, by freight or express.

Whip-Poor-Will. Bus. $2.25.
Black. Bus. $2.
Mixed. Bus. $2.

THOUSAND-HEADED KALE (Try It)

The plants grow to a height of 3 to 4 feet, and are so covered with small whorls of leaves that the name Thousand-headed Kale has been given it. Sow broadcast on pastures with grass seeds, using about 1 pound of seed per acre; if sown alone use 3 pounds per acre. Price per large pkg. 10 cts., ¼ lb. 20c., lb. 60c., postpaid; by express, 5 lbs. or more at 40 cts. per lb.

WINTER TURF OATS

This valuable grain may be sown any time from August as late as the ground can be worked; it will make a good crop as late as October 1, as well as early in the spring. Lb. 25 cts., 3 lbs. 60 cts., postpaid; by express or freight (on cars at Chicago or New York), pk. 40 cts., bus. $1.25, 2 bus. $2.25.

DWARF ESSEX RAPE

Greatest pasture-food known for hogs, sheep and calves. Its leafy stalks resemble rutabaga, but are larger and more numerous. Sow from August to October. 5 lbs. will sow an acre. True imported Essex seed, lb. 20 cts., 3 lbs. 55 cts., postpaid; by freight or express at purchaser's expense, 10 lbs. 70c., 25 lbs. $1.45, 50 lbs. $2.70, 100 lbs. $5; bags, 18c. each.

TRUE MAMMOTH WINTER RYE

Undoubtedly the heaviest cropping Rye in existence, having in fair test outyielded all other varieties both in straw and grain. The straw is giant in length and strength and of extraordinary stiffness, resisting severe winds and rainstorms. Lb. 25 cts., 3 lbs. for 60 cts., postpaid. By freight or express, pk. 50 cts.

WINTER RYE

A good clean strain of this standard grain, at the very close price of, pk. 35c., bus. $1.10, 10 bus. $10, bags included.

WILD RICE

This seed can be sown in the fall on the borders of lakes, etc., to great advantage, affording excellent feed for wild fowl. It is also a valuable forage plant for swamps and inundated lands, stock being fond of it both when it is green and when cured for fodder and feed. Lb. 35 cts., postpaid; by express, 5 lbs. $1.20.

TIMOTHY

An excellent grass for fall sowing. Sow 15 to 20 lbs. per acre. 45 lbs. per bus. Recleaned seed, lb. 18 cts., postpaid; by freight, 10 lbs. 70 cts., bus. $2, 100 lbs. $4; bags, 20 cts. each extra. Subject to market changes.

SAND, WINTER, or HAIRY VETCH

This valuable forage plant is highly recommended for fall sowing. It succeeds on all soils and withstands extremes of heat and cold; remains green and makes good pasture all winter; can stand any frost. Sow 1 bushel (60 lbs.) per acre. Lb. 30 cts., 3 lbs. 75 cts., postpaid; by freight or express, 10 lbs. $1, 50 lbs. $4.

VAUGHAN'S GARDEN SEEDS

The following is a selection of such kinds as are suitable for fall or winter sowing, either outdoors or in the house
For a complete list of our Garden Seeds, see our General Catalogue, a copy of which will be mailed free on application

ASPARAGUS

"BONVALLET'S GIANT." This new Asparagus brings the highest prices in the Chicago market, and is in great demand for its flavor and great size and whiteness. Seed, pkt. 10c., ½oz. 20c., oz. 30c., 2 ozs. 50c., ¼lb. 85c., lb. $3. 1-year-old selected roots, 30c. per doz., 50c. for 25, $1.60 per 100, $3.25 for 250, $12 per 1,000; if by mail, add 20c. per 100 for postage.

COLUMBIAN MAMMOTH WHITE. 1-year-old roots, 15c. per doz., 75c. per 100, $3 for 500, $5.50 per 1,000; 2-year-old, $1 per 100, $6.50 per 1,000.

CONOVER'S COLOSSAL. One-year-old roots, 50c. per 100, $4 per 1,000; 2-year-old roots, good plants, 70c. per 100, $5.50 per 1,000, $10 for 2,000, $20 for 5,000; 3-year-old roots, extra strong, $1.25 per 100; by mail, $2.

PALMETTO. One-year-old roots, 60c. per 100, $2.75 for 500, $5 per 1,000; 2-year-old roots, 85 cts. per 100, $3.75 for 500, $7 per 1,000; 3-year-old roots, $1.25 per 100.

ASPARAGUS CULTURE. A treatise on the best methods employed in England and France, by Barnes and Robinson, with translations of Leboeuf's Essay on Asparagus. Price per copy, bound in cloth, 50 cts., postpaid.

BEANS

New French Forcing Bean, "TRIUMPH OF THE FRAMES." This is the best Bean for forcing under glass and equally desirable for outdoor planting, making delicious green "Haricots." The pods are long, slim and of best flavor. Pkt. 10c., pt. 20c., qt. 40c.; if by mail, add 15c. per quart for postage.

BEETS

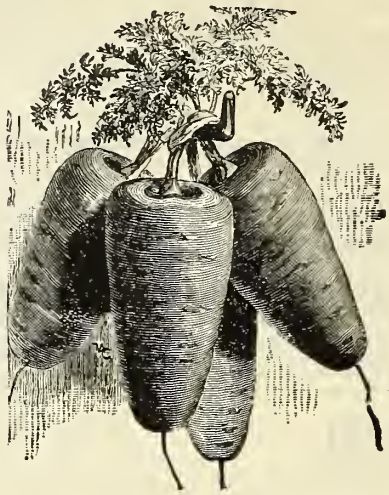
CROSBY'S EGYPTIAN, Vaughan's Selected Stock. The earliest Beet in the market. A selection from the standard market Beet, Early Egyptian, which retains the earliness of the parent stock and has added thickness, giving it a more desirable shape. It is the deepest red, almost black in color, and is of finer quality than the Egyptian, being sweeter and even more tender and smooth. Pkt. 5c., oz. 10c., 2 ozs. 15c., ¼lb. 25c., lb. 70c., 5 lbs. by express $2.75, 10 lbs. $5.

CABBAGE

VAUGHAN'S SELECTED EARLY JERSEY WAKEFIELD. The best early Cabbage in cultivation. It forms fine heads of good size, conical in shape, with very few outside leaves, and of the best quality. Our strain is remarkably pure; warranted to give satisfaction. Pkt. 10c., ½oz. 20c., oz. 30c., ¼lb. 80c., lb. $3.

CAULIFLOWER

VAUGHAN'S NEW SNOWBALL. The best for early and late summer and fall crops. Always sure to make a solid white head. The seed of this Cauliflower was saved with the greatest care and only from perfectly developed heads which yield but little seed. Pkt. 25c., ¼oz. 85c., ½oz. $1.50, oz. $3, 2 ozs. $5.25, ¼lb. $10, lb. $35.



CARROTS

EARLY CHANTENAY. This is the best early Carrot in existence, one which market-gardeners should plant for their main early crop. The Carrots grow about 6 inches long, are stump-rooted, very smooth, fine-grained, sweet and sugary. Pkt. 5c., oz. 10c., 2 ozs. 15c., ¼lb. 25c., lb. 95c., postpaid.

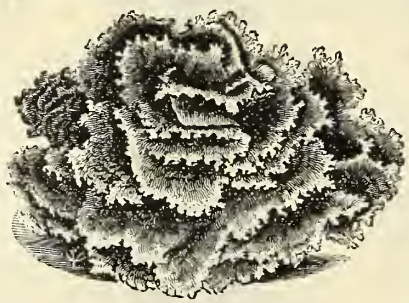
CORN-SALAD

A most refreshing salad, used extensively in winter and spring as a substitute for lettuce, also cooked like spinach. Pkt. 5c., oz. 10c., ¼lb. 20c., lb. 60c., postpaid; 5 lbs. by express, $2.25.

ENGLISH FRAME CUCUMBERS

CARTER'S MODEL. This is one of the best of the English Cucumbers for greenhouse culture. We offer introducers' seed. Pkt. (25 seeds) 25c., 3 for 65c.

ROLLISON'S TELEGRAPH. 18 inches long. Pkt. (35 seeds) 25 cts., ¼oz. $1.



LETTUCE

BLACK-SEEDED SIMPSON, Vaughan's Selected Stock. Forms large, loose leaves of ideal color; the leaves are large, thin, very tender, and of very good quality. It is one of the best sorts for use under glass as well as for early outdoor planting. Pkt. 5c., oz. 15c., 2 ozs. 25c., ¼lb. 35c., lb. $1.25.

NEW FORCING HEAD LETTUCE, "MILLY." Makes a large, firm head in remarkably quick time and has splendid keeping qualities. It is the best head Lettuce for forcing under glass, as it grows to larger size than any other variety. Pkt. 10c., ½oz. 15c., oz. 25c., ¼lb. 75c., lb. $2.50.

LETTUCE, continued

GRAND RAPIDS FORCING, Vaughan's Selected Stock. This grand forcing variety stands more neglect in the way of watering and ventilation than the Black-seeded Simpson. It is of handsome appearance, a strong grower, and not apt to rot, and will keep from wilting longer while exposed for sale than any other. Its upright habit admits of very close planting.

Vaughan's Extra Selected Stock. Pkt. 5c., oz. 15c., 2 ozs. 25 cts., ¼lb. 40c., lb. $1.25, 5 lbs. $5.50.

Ordinary Stock. Pkt. 5c., oz. 10c., 2 ozs. 15c., ¼lb. 25c., lb. 85c., 5 lbs. $3.25.

DENVER MARKET FORCING. An early variety of head Lettuce, either for forcing or open ground. It forms large heads, of good light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like the Savoy Cabbage), very crisp and tender, and of excellent flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. $1.

MUSHROOMS

Can be easily grown everywhere and at all seasons, by following directions given in the books offered on this page, and it is one of the **most profitable crops** to grow. We can always furnish fresh Mushroom Spawn, receiving five shipments every year from the most reliable English maker of this article.

ENGLISH MUSHROOM SPAWN. It comes in pressed bricks weighing about twenty ounces. These are broken up into pieces the size of a walnut and put into the bed 8 inches apart each way. Per brick 25c., 5 lbs. $1, postpaid; by express or freight, per brick 15c., 2 for 25c., 10 lbs. $1, 25 lbs. $2, 100 lbs. $6.50; if shipped from New York, $6.

FRENCH MUSHROOM SPAWN. Put up in boxes of two pounds each. Per box 75c.; if by mail, $1.20. The same loose, lb. 35c.; if by mail, 45c.; 10 lbs. $3.20.

ROBINSON'S MUSHROOM CULTURE. A cloth-bound book, giving directions how to prepare Mushroom beds and raise Mushrooms. 50c., postpaid.

MUSHROOMS, HOW TO GROW THEM. By Wm. Falconer. The most complete book ever published in America on the cultivation of Mushrooms. Per copy, $1, postpaid.

HOW TO GROW MUSHROOMS. Prize paper, by D. Fraser. 10 cts. each, or free with $1's worth of Mushroom Spawn.

PARSLEY

CHAMPION MOSS CURLED. The Champion is a prize-winning English variety, in appearance like a tuft of finely curled moss, and of a rich deep green color. It is slow to run to seed, and very hardy; of easiest growth, a few seeds sown in onion rows use no space. Grows in window boxes. Pkt. 5c., oz. 10c., ¼lb. 20c., lb. 70c.

BIRD SEED

We carry a complete stock of Bird Seed and furnish only the best. Prices subject to market changes. Add 8 cents per pound if to go by mail.

Mixed Bird Seed. Per lb. 10 cts.
Canary. Per lb. 10 cts.
Rape. Per lb. 8 cts.
Millet. Per lb. 5 cts., 10 lbs. 40 cts.
Hemp. Per lb. 10 cts., 10 lbs. 75 cts.
Sunflower. Per lb. 10 cts., 10 lbs. 70 cts.
Cuttle Bone. Each, 1 and 2 cts.
Mockingbird Food. Per bottle 25 cts.; by mail, 50 cts.

VAUGHAN'S GARDEN SEEDS, continued

Egyptian Winter Onions.

Improved Early Scarlet Globe Radishes.

Viroflay Spinach.

ONION SETS

Egyptian, or Winter. This variety never forms a large bulb, their value lies wholly in their special adaptability for producing green onions for Spring use; are immensely productive and perfectly hardy. Being perennial, they will if left in the ground, continue growing for an indefinite time, continuing to increase from the bottom and form sets produced on top of the stalk. In their culture the sets should be planted in the fall, as they thus gain the benefit of prolonged growth, and attain a larger size. Plant in drills to a depth of 3 to 4 inches, to bleach the ensuing growth to some length. Price for fall delivery, pt. 15 cts., qt. 25 cts., 2 qts. 45 cts., postpaid. By express at purchaser's expense, pk. 50 cts.; ½ bu. 90 cts.; bu. $1.50; bbl. (3½ bu.) $5.00.

RUTABAGA, OR SWEDE

Vaughan's Improved. From selected stock of a purple-topped variety of the largest size, best shape, with small neck and smooth skin; good cropper and keeper. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts.; lb. 50 cts. 5 lbs. by express $1.60.

RADISHES

"CRIMSON GIANT" or Wurzburger Forcing. This radish is an *entirely new type*, and differs radically from all the varieties hitherto in cultivation, in so far as its roots attain *more than double the size* of those of other forcing varieties, *without getting pithy or hollow.* It is equally well adapted to outside culture. The seed should be sown very thinly, to permit full development of the roots. Oz., 20cts; 2 ozs., 30 cts; ¼ lb., 50 cts; lb., $2.00, Postpaid.

Improved Early Scarlet Globe. Vaughan's Selected Stock. A desirable Turnip sort for hotbed forcing and outdoors; very early; flavor mild, crisp, juicy and tender; top small; will stand heat without becoming pithy. Is ready in 28 days. Our stock of this is the very best, selected with special care as to size, shape, color and earliness, and market gardeners will find it a money-maker, as it is just right in every respect. Pkt. 5 cts; 1 oz. 10cts; ¼lb. 30cts; lb. 85 cts.

VAUGHAN'S "20-DAY" RADISH, the quickest of all Red Radishes. Quick growth is one of the main essentials for a crisp and tender Radish. This matures in 20 days after sowing, which makes it one of the most valuable sorts for forcing or out door culture. The flesh is pure white, crisp and of a very pleasant flavor; the skin is most attractive bright scarlet. The leaves are very short, which admits of very close sowing. Pkt. 5 cts; oz. 10 cts; 2 oz. 15 cts; ¼ lb. 25 cts; lb. 75 cts.

SPINACH

Extra Large Round Leaf. Our Stock is very fine and select. Oz. 5 cts; ¼ lb. 12 cts; lb.30 cts; by mail. By express, lb. 20 cts; 5 lbs. 75 cts; 10 lbs. $1.30; 100 lbs. $12.00.

Prickly Seeded. Very hardy; good for fall sowing. Oz. 5 cts; ¼ lb. 15 cts; lb. 40 cts; postpaid.

Long Standing. Slow going to seed. Oz. 5 cts; ¼ lb. 12 cts; lb. 35 cts; post paid. 10 lbs. $1.30; 100 lbs. $12.00; by express.

Monstrous-Leaved Viroflay. Quick, strong groth; Oz. 5 cts, ¼ lb. 12 cts; lb. 30 cts; postpaid. 10 lbs. $1.40; by express.

VAUGHAN'S NORFOLK SAVOY. This is the variety so highly prized by the large planters about Norfork, Va. The leaves, remarkably thick and blistered, extremely hardy, do not settle in the barrel in shipping as do the other varieties. Oz. 5 cts; ¼ lb. 12 cts; lb. 35 cts; postpaid. By express, lb. 25 cts; 5 lbs. $1.00; 10 lbs. $1.85; 25 lbs. $4.50; 100 lbs. $16.00.

TURNIPS

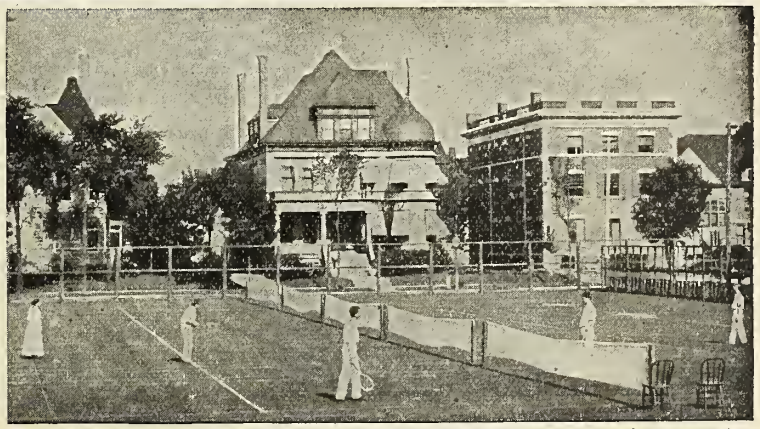
	Pkt.	Oz.	¼ lb.	Lb.
Earliest White Milan	$0 05	$0 10	$0 25	$0 85
Extra - Early Purple - Top Milan	05	10	20	60
Early Red or Purple - Top Strap - Leaf. Choice	05	10	15	45
White Egg	05	10	20	50
Purple - Top White Globe	05	10	15	45
White Flat Dutch	05	10	15	45
Golden Ball	05	10	15	50

VAUGHAN'S CHICAGO PARKS LAWN SEED

Our Chicago Parks Lawn Seed, prepared for use in the Chicago parks, named by us and sold at our Chicago stores for many years with very general satisfaction, will produce an even, dense growth of permanent sward as early in the season as it is possible to do. Our seed, which we know to be as pure as can be found anywhere, is of the best varieties, best suited for even and permanent growth; it is carefully cleaned, and as free as it is possible to make it from foreign matter. **Please note that 1 quart is equal to 1½ pounds in quantity. If to go by mail add 8 cents per pound for postage.**

QUANTITIES TO USE AND PRICES:

1-lb. package, for 400 square feet of lawn	$0 25
3-lb. package, for 1,200 square feet of lawn	65
5-lb. package, for 2,000 square feet of lawn	1 00
10-lb. bag, for 4,000 square feet of lawn	1 85
15-lb. bag, for 6,000 square feet of lawn	2 75
25-lb. bag, for one-fourth of an acre of lawn	4 25
50-lb. bag, for one-half of an acre of lawn	8 25
100-lb. bag, for one acre of lawn	16 00



From a photograph showing in part Kenwood Club tennis grounds sown with Vaughan's "Chicago Parks" Lawn Seed.

Columbian Lawn Grass Mixture

A Lawn Grass Mixture for shaded places and light soils. This mixture was extensively used on the World's Fair grounds, where we furnished large quantities of this seed to the landscape department, and where it gave splendid results. Lb. (enough for a space of 15x15 ft.) 25 cts., 3 lbs. 65 cts., 5 lbs. $1, 10 lbs. $1.75, 20 lbs. $3.25, 50 lbs. $7.50, 100 lbs. $14.

Vaughan's "Golf Link" Grass Seed

This is a special mixture of the finest grasses that will stand the wear and tear and retain its rich velvety green appearance. Lb., 25cts; 5 lbs., $1.00; 50 lbs., $9.50; 100 lbs., $18.00; special prices on larger lots.

KENTUCKY BLUE GRASS. Many prefer this to a mixture of grasses, and the fact canuot be denied that a lawn of blue grass only is magnificent; it takes longer, however, to get it established. Fancy clean seed, lb. 20cts.; 3 lbs. 50 cts; bus. (14 lbs), $1.60; 5 bus. $7.75.

RED-TOP GRASS. Fancy clean seed, lb., 20cts.; 5 lbs., 75 cts.; ordinary seed, lb. 15 cts.; 6 lbs. 60 cts.

WHITE CLOVER. Extra choice seed, lb. 35 cts.; 3 lbs. 90 cts.; 5 lbs. $1.30; 10 lbs. $2.50.

Add 8 cents per pound to above prices if wanted by mail.

VAUGHAN'S LAWN FERTILIZER

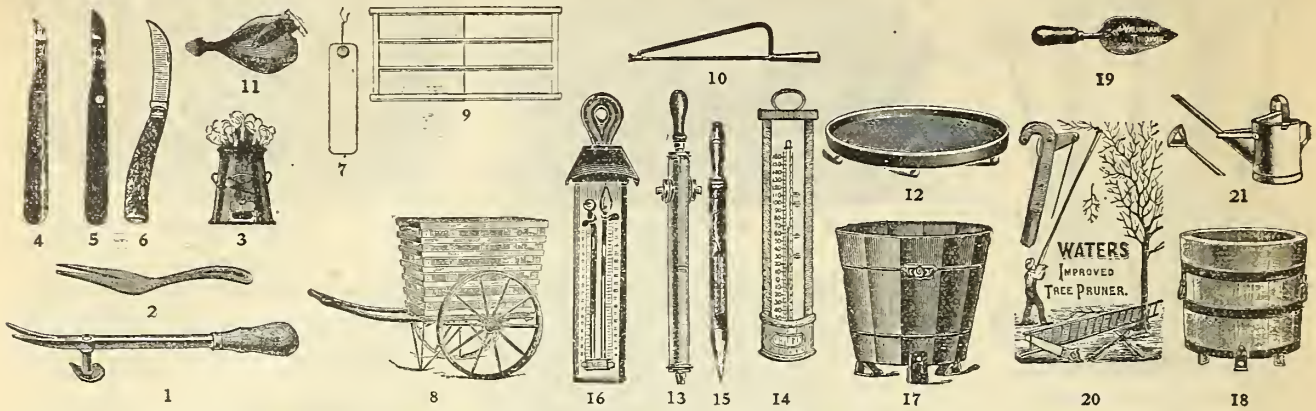
HIGHEST CHEMICAL ANALYSIS

Lawn grass is a voracious feeder and will not thrive and hold its beautiful dark green color and velvety appearance, unless it receives a sufficient supply of suitable food. Because few appreciate this fact is the reason there are so many poor, rusty-looking lawns. Stable manure is unpleasant to handle, ill-looking and decidedly odorous, and is also full of waste material. **It contains weed seeds,** which are obnoxious, and it often takes years to eradicate the weeds, causing an unnecessary amount of labor. All these objections are obviated by the use of our **Lawn Fertilizer and Vaughan's Lawn Seed.**

QUANTITIES TO USE AND PRICES:

5-lb. package, for 500 square feet of lawn, or 250 sq. feet of garden	$0 30
10-lb. bag, for 1,000 square feet of lawn, or 500 square feet of garden	50
25-lb. bag, for 2,500 square feet of lawn, or 1,200 square feet of garden	1 00
50-lb. bag, for 5,000 square feet of lawn, or 2,500 square feet of garden	1 60
100-lb. bag, for one-fourth acre of lawn, or one-eighth acre of garden	2 75
200 lbs., for one-half acre of lawn, or one-fourth acre of garden	5 00
400 lbs.	9 00

Garden Tools, Fertilizers, Supplies, Etc.



4 5 6 11 3 9 7 10 19 12 21 2 1 8 16 13 15 14 17 20 18

Prices given below do not include prepaying of charges, except where noted

COCOANUT FIBER. For ferns, etc. ½bbl. $2.25.

DANDELION PULLERS

The Vaughan (Fig. 1). This is the best Dandelion Puller on the market. It is made of best steel, after an English pattern, measures 13½ inches and weighs 10 ounces. Each 50 cts., by mail 60 cts.

Whitnall's (Fig. 2). Each 25 cts., postpaid 40c.

FORK. Digging or Spading. 4 angular tines. Each 65 cts.

FUMIGATORS (Fig. 3). Used for burning tobacco stems in order to fumigate greenhouses.

No.				Each
1.	Eureka, galvanized, holds	½pk.	of stems..	$1 50
2.	" " "	1 "	" ..	2 15
3.	" " "	½bus.	" ..	2 75
4.	" " "	¾ "	" ..	3 50

FERTILIZERS

Vaughan's "Rose-Grower" Bone Meal. Our "Rose-Grower" bone has been slightly steamed to soften it so it can be ground fine, and is thus quicker in its action. 5 lbs. 25 cts , 10 lbs. 50 cts., 25 lbs. 75 cts., 50 lbs. $1.25, 100 lbs. $2, 200 lbs. $3.50, 500 lbs. $8, 1,000 lbs. $15.50, 2,000 lbs. $30.

Vaughan's Sheep Manure. Excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. 50 lbs. $1, 100 lbs. $1.75, 500 lbs. $6.50, if shipped from New York. 50 lbs. 75 cts., 100 lbs. $1.35, 500 lbs. $5, 1,000 lbs. $9, 2,000 lbs. $17, if shipped from Chicago. Smaller lots, 5 lbs. 20 cts., 10 lbs. 30 cts., 25 lbs. 45 cts., by express.

Vaughan's Concentrated Plant-Food. This is a most useful fertilizer for all kinds of plants raised in pots. It produces a rapid and vigorous growth and an abundance of flowers. Package containing food for 20 plants for three months, 15 cts. each, 40 cts. for 3; **if by mail, add 8 cts. per package.** Large package, 25 cts. each, 65 cts. for 3; **if by mail, add 18 cts. per package.** Each package contains full directions.

Bowker's Plant-Food. A first-class plant-food. Small-size package, 15 cts., by mail 20 cts.; large-size package, 25 cts., by mail 40 cts.

GRAFTING WAX. Per ¼-lb. bar 15 cts., ½-lb. 20 cts., 1-lb. 35 cts. If by mail, add 10 cts. per lb.

INSECT DESTROYERS

Liquid Insecticides cannot be sent by mail

Fir-Tree Oil. Good for mealy bug, scale, red spider, black and green aphis, thrip, lice, worms and slugs. Small bottle 25 cts., ½pt. 40 cts., pt. 75 cts., qt. $1.25, gal. $4.

Fir-Tree Oil Soap. For thrip, red spider, black and green fly, mealy bugs, worms and slugs. ½-lb. tin 25 cts., by mail 35 cts.

Lemon Oil. Destroys mealy bug, scale, thrip, red spider, etc. ½pt. 30 cts., pt. 50 cts., qt. 85 cts.

Persian Insect Powder. Lb. 40 cts., by mail 55 cts.

Sulpho-Tobacco Insecticide Soap. Absolutely safe to handle, and will not injure the tenderest growth of plants. 7-oz. package 30 cts. each, 2-oz. package 12 cts. each, by mail, postpaid.

Tobacco Stems. For fumigating plants infested with green flies, etc. Lb. 15 cts., 25 lbs. 60c., 50 lbs. 85 cts., 100 lbs. $1.50.

Tobacco Dust. One of the best remedies for green and black aphis, fleas, beetles, etc., also for insects in the ground. Lb. 10 cts., by mail 25 cts.; 5 lbs. 25 cts., 100 lbs. $2.50.

Whale Oil Soap. Makes an excellent wash for trees and plants where insects and eggs affect the bark. Lb. 15 cts., 2 lbs. 25 cts., 5 lbs. 50 cts.; if by mail add 15 cts. per lb.

KNIVES

Budding. Ivory handle. Each $1, by mail $1.10.

Propagating (Fig. 4). Ivory handle. Each $1, by mail $1.10.

Propagating (Fig. 5). "The Vaughan," the best of all. Each 85 cts., by mail 90 cts.

Pruning (Fig. 6). Stag handle, English. Each $1.25; if by mail, $1.35. American, a good tool. Each 75 cts.

LABELS

Aluminum Tree (Fig. 7). The writing, which is done with an ordinary lead-pencil, gets plainer with age. They are wired and measure 3¾ inches long, 1 inch wide. Per doz. 30 cts., 100 $2.

Glass. Per doz. 25 cts., 100 $2.

Wooden. For pots. Painted, 4-inch, per 100 15 cts., 1,000 75 cts.; 6-inch, per 100 25 cts.

Copper. Indestructible. Per doz. 25 cts.

LEAF CART (Fig. 8). This is a hand-cart frame with a very light wood rack. $11.25.

LEAF-MOLD. For potting ferns and like plants. Per bbl. $1.50.

MATS—Rattan, Singapore Fiber Hotbed. It is 6 feet 2 inches long by 6 feet wide. Each, $2.50.

PEAT. For potting orchids, etc. Per bbl. $2.25.

PEAT MUCK. For potting Azaleas. Per bbl. $1.50.

PENCILS, Indelible. With tip. For marking labels. Each 15 cts., doz., postpaid, $1.50.

PLANT-BED CLOTH for Flower Beds. Cheap substitute for glass, answering many uses equally well. No less than 20 yards of a kind sold.

20 yards and upward		50 yards and upward		100 yards and upward	
	Per yd.		Per yd.		Per yd.
Medium	9c.	Medium	9½c.	Medium	8¼c.
Heavy	13c.	Heavy	11½c.	Heavy	11¼c.

COMMON FLOWER POTS

We pack these carefully, but will not be responsible for breakage in transit.

	Doz.	100		Doz.	100
2-inch	$0 15	$0 60	7-inch	$1 00	$6 00
3-inch	20	1 00	8-inch	1 75	10 00
4-inch	35	1 50	10-inch	each 35c.	
5-inch	45	2 50	12-inch	each 40c.	
6-inch	60	4 00			

SAUCERS

	Doz.		Doz.
3-inch	$0 15	7-inch	$0 50
4-inch	20	8-inch	80
5-inch	30	10-inch	each 20c.
6-inch	40	12-inch	each 25c.

POTTING SOIL. This is a mixture prepared by us, and such as is used at our own greenhouses. Suitable for all ordinary plants and bulbs; by express or freight at buyer's expense; ready for use. Pk. 35 cts., bus. $1, bbl. $2.

POULTRY SUPPLIES.

We keep a most complete line of all kinds of Poultry Supplies, and are also agents for the "Prairie State Incubator." Write for a copy of our Complete Poultry Catalogue, mailed free to everyone.

SASH, Hotbed (Fig. 9). Unglazed, for 10-inch glass, each $1.10, 3 for $3, doz. $10.60; for 8-inch glass, each $1.10, 3 for $3, doz. $10.80.

SAWS

Double-edged Pruning. 16-inch 85 cts., 18-inch $1, 20-inch $1.15.

Vaughan's "Perfection Pruning" (Fig. 10). Made of best steel, with adjustable blade so any branch can be easily removed and close to the trunk of the tree. Each $1.85, 3 for $5.25; extra blades, 25c.

SPRINKLER, Scollay's Rubber (Fig. 11). Indispensable for floral work. Large $1, by mail $1.10; medium 75 cts., by mail 82 cts.; small 60 cts., by mail 65 cts.

STAND, Rolling (Fig. 12). For heavy plants. Made of indurated fiber ware. 12-inch 75 cts., 14-inch 85 cts., 16-inch 95 cts., 18-inch $1.10, 10-inch $1.20, 22-inch, $1.40.

SYRINGES (Fig. 13)

Brass. 14-inch; two sprays and one straight stream; for small greenhouses or windows. $3.25.

Greenhouse. No. 5. 18-inch barrel. $5.75.

English. Brass. No. 11. 18-inch barrel, with two different sprays and one stream. $4.

Brass. For liquid insecticides. Each $1.65.

THERMOMETERS

(These cannot be sent by mail)

Imported German. All glass. For propagating and hotbeds. $1.

Tin Case (Fig. 14). 8-inch, each 15c., 6 for 75c.

Cabinet. Wood case. Each 50 cts., 3 for $1.35.

Mushroom (Fig. 15). Brass points, wooden frame. $1.50.

Self-registering (Fig. 16). With magnet to set it. Registers highest and lowest temperature. 8-inch, each $2.75.

FLOWER TUBS

Columbian (Fig. 17). Made of the best pine lumber. Has 12 staves in tapered shape, held together by two steel wires.

	Each	Three
12 x 11 inches	$1 00	$2 75
15 x 14 "	1 50	4 00
18 x 16½ "	2 00	5 25
21 x 18½ "	2 50	6 75
24 x 20½ "	3 00	8 00

Union Cypress (Fig. 18). These tubs are made of ⅞-inch cypress, which insures their keeping for years without rotting.

	Each	Four
13½-in. diam., 11-in. high	$0 85	$3 20
14 -in. diam., 13-in. high	1 00	3 80
16 -in. diam., 15-in. high	1 30	4 70
20 -in. diam., 18-in. high	1 80	7 00
24 -in. diam., 20-in. high	2 40	9 00

TROWELS

Vaughan's Steel (Fig. 19). One solid piece of steel, and will outwear all others. Each 50 cts., 3 for $1.40; postpaid, each 60 cts.

English Steel. 6-inch, each 25 cts., prepaid 35c.

Cleve's Angular. By mail, 25 cts.

TREE PRUNERS

Waters' (Fig. 20). Length of pole, 4 feet, 50c., 6 feet 75 cts., 8 feet 90 cts., 10 feet $1, 12 feet $1.10. Extra knives, each 20 cts.

WATERING POTS

American (Fig. 21). Heavy galvanized round can two copper-faced roses, long spouts. 4-quart $1.75, 6-quart $2, 8-quart $2.25, 10-quart $2.50, 12-quart $2.75.

French Style. Oval, otherwise same make as above. 8-quart $2.40, 10-quart $2.85, 12-quart $3.

Low Style. 4-quart $1.75.

PEONIES

TIME OF PLANTING.—From Sept. 1 to the end of October. **CULTURAL DIRECTIONS** are sent with all orders free of charge. **Small** are plants of one or two stalks of this year's growth; one year since divided. **Medium** are plants of three to five stalks of this year's growth; two years since divided. **Large** are plants of six or more stalks of this year's growth; three, four and five years since divided.

Festiva maxima.

WHITE SHADES

BOULE DE NEIGE (Snowball). A very choice double white similar to Solfaterre. A very good kind. **Medium, $1.20.**

FESTIVA MAXIMA. One of the largest and choicest of all the white Peonies. Milk-white, with a few carmine spots in the center; flowers of enormous size, often measuring 7 or 8 inches across; very double and delightfully sweet; the stems are long and strong. An early bloomer. **Each, medium, $1.50; large, $2; extra size, $2.50.**

FESTIVA. Flowers pure white, large, double, cup-shaped. Very similar to Festiva maxima. We have some extra large plants at **$2 each; smaller, 50 cts., 75 cts. and $1.**

GOLDEN HARVEST. A very striking variety, producing a great many large flowers. The guard petals are blush-pink, with a distinct blush-white center. The total color effect of the flower is a creamy pink. Flowers fragrant, plants very free and vigorous. **Medium. $1.25.**

MAD. CALOT. An excellent variety. Flowers very large and double; a very free bloomer. An improved Queen Victoria. **Medium, $1; large, $1.50.**

DUKE OF WELLINGTON. Flowers very large, sulphur-white; very fragrant; stems long and firm. Splendid sort. **Medium, $1.50.**

MONT BLANC, or SOLFATERRE. Early and sweet. Broad snow-white guard petals, center full and high. Color creamy yellow, shading to white. Extra and vigorous; an enormous producer of blooms on long, strong stems. **Small, 40 cts.; medium, 85 cts.**

QUEEN VICTORIA (Whitleyi). An A No. 1 sort. Flowers very large, full and compact, with fine, broad guard petals. Opens flesh-white, center petals tipped with red blotches. One of the best cut-flower sorts. Follows right after Festiva maxima in time of blooming. **Small, 40 cts. each, $4.25 per doz.; medium, 75 cts.; large, $1.25.**

PINK SHADES

TRIOMPHE DE L'EXPOSITION DE LILLE. Soft flesh-pink with white reflex; very fresh and lively; rose shape. **$1.**

ALEXANDER DUMAS. Brilliant pink, interspersed with white, salmon and chamois. Very early and free. Extra-large, 4-year-old plants, **$2.**

PINK BEAUTY (Edulis superba). One of the first to bloom. An excellent cut-flower variety; fragrant. **50 cts., 75 cts. and $1 each,** according to size.

M. PAILLET. Flower very large and of pretty shape; color baby pink, petals edged silvery. **Medium, 85 cts.**

DELICATISSIMA. This is one of the prettiest, most delicate shell-pink varieties; flowers large, well formed and freely produced. **50 cts. and 75 cts. each,** according to size.

DR. BRETONNEAU (Verdier). Large globular flowers, with rose petals; color pink, with silvery reflex; fragrant. **50 cts. each, $1.25 for 3.**

NE PLUS ULTRA. Large well-formed flowers; color clear flesh-pink. An excellent cut-flower variety. **35 cts. and 50 cts. each,** according to size.

ROSE SHADES

MAD. GEISSLER. Very large and double flowers; rich rose, petals edged silvery white. **Medium, 75 cts.**

PAGANINI. Guard petals rose, cluster yellowish salmon tinted with rose. **25 cts. each, $2.75 per doz.**

MAGNIFICA. A very full double bloom, with high center and of very good finish. Color blush with lilac and salmon shadings. It is one of the freest blooming sorts and very early. The flowers of this kind brought $1 a dozen at wholesale in the Chicago market last spring—as much as Festiva maxima. **We have a fine lot of 5-year-old clumps at $1.50 each, or will sell small divided plants at 25 cts. each, $2.65 per doz.,** while our stock lasts.

Rose Shades, con.

MAD. MUYSSART. A late-blooming sort. Flowers extra large, extremely double; are borne on long, stiff stems and are freely produced. A splendid sort. **50 cts. each, $5.50 per doz.**

MAD. CHAUMY. Well-shaped, double flower; late; color satiny pink. **50 cts., 75 cts., $1 and $1.50 each,** according to age and size.

OFFICINALIS ROSEA PLENA. Very brilliant and effective rose-pink flowers; early. **25 cts. each, $2.65 per doz.**

OSGOOD SEEDLING. Midseason. This is a very good sort, rich rose-pink, very free and a good keeper. **We have a fine stock of 5-year-old clumps at $1, $1.25 and $1.50 each,** according to size.

VAN DYCK. A beautiful light rose-pink with splashes of salmon in the center. Flowers large, well shaped and sweet; stems very strong and long. **$1.**

L'ESPERANCE. The flower is full and compact, particularly high in the center; of vivid rose color and delightful fragrance. **50 cts., 75 cts. and $1 each.**

RED SHADES

LOUIS VAN HOUTTE. Color deep velvety crimson; flowers large, very double, of good form and of great durability; they have kept in perfect condition on the plants for over a week. This is a very free-blooming and hardy variety. We have a fine stock of 5-year-old clumps that have produced from 20 to 30 flowers the past spring. **Price, $1.50 each, or we will sell divided plants with 3 to 5 eyes at 25 cts. each, $2.65 per doz.**

MEISSONIER. Midseason. Deepest black; flowers very double and show no stamens. **Large clumps, $1.50.**

MARECHAL MAC MAHON. Flowers very large, double and massive; rich velvety red. **Clumps, $1.25.**

MARECHAL VAILLANT. Very large and double; rich crimson; a fine sort. **$1.20.**

ADOLPHE ROUSSEAU. Of excellent form; very large and double; color blood-red with metallic reflex; extra fine. **75 cts. and $1.25 each,** according to size.

ANEMONE FLORA RUBRA. Rich velvety dark crimson. **50c. and $1 each.**

GLOIRE DE DOUAI. Large, double, rich crimson, almost black. **Clumps, $1, $1.25 and $1.50 each.**

OFFICINALIS RUBRA. This is the old red. One of the earliest to bloom. **25 cts. each, $2.50 per doz.**

TENUIFOLIA FL. PL. Double, red, early; foliage fern-like. **35 cts., 50 cts., 75 cts. and $1 each,** according to size.

RUBRA TRIUMPHANS. Deep crimson; semi-double. **50 cts. and 75 cts. each.**

SINGLE-FLOWERING PEONIES. These are well liked by many. **Single White, Single Pink, Single Red. 50 cts. each, $1.25 for 3.**

Besides the above sorts we can furnish Peonies under color at the following rates: DOUBLE WHITE, DOUBLE PINK and DOUBLE RED, 25 cts., 35 cts. and 50 cts. each, or $2.50, $3.50 and $5 per doz., respectively. We also have a stock of MIXED DOUBLE PEONIES which we furnish while the stock lasts at $1 per doz. (divided) roots.

SPECIAL DISCOUNTS ON PEONIES. On orders for Peonies amounting to $5 and upwards we allow a discount of 10 per cent from the above rates.

PLEASE NOTE.—None of the above prices include prepayment by mail or express, but are sent at buyer's expense, except by special agreement

VAUGHAN'S MAY-FLOWERING TULIPS

AS ILLUSTRATED ON BACK COVER PAGE

This section of the Tulip family deserves more attention. Being of great beauty and coming into bloom as they do, about "Decoration Day," a splendid succession of bloom can be had when planted along with the early Tulips listed on pages 6 and 7. They are extremely hardy and are particularly fine for planting in clumps amongst shrubbery or in the herbaceous border. The flowers' being borne on extra-long stems makes them invaluable as cut-flowers, and they have the added value of lasting a long time when cut and placed in water.

Bouton d'Or. The finest and deepest golden yellow Tulip. Splendid for cutting. Flowers are a handsome globe shape. 4 cts. each, 35 cts. per doz., $1.75 per 100, $15 per 1,000.

Bybloems, Violets. Tall and brilliantly variegated; white ground, flaked lilac-purple or black. 4c. each, 30c. per doz., $1.50 per 100, $13 per 1,000.

Bybloems, Roses. White ground, shaded rose; tall, very showy; bloom in May. Fine Mixture. 4 cts. each, 30 cts. per doz., $1.50 per 100, $13 per 1,000.

Scarlet Gesneriana. This is a tall-growing, late-blooming Tulip, and undoubtedly one of the finest in cultivation. The flowers are as large as coffee cups and carried on stout stems nearly 18 inches from the ground. The color is brilliant crimson-scarlet, with a large, peacock-blue blotch in the center, and of very strong fragrance. No Tulip that has come under observation is at once so brilliant and lasting. They remain in bloom from three to four weeks, and are admirable when planted in groups among evergreens and shrubbery, where they show up to splendid advantage against the dark background. 3 cts. each, 25 cts. per doz., $1.75 per 100, $15 per 1,000.

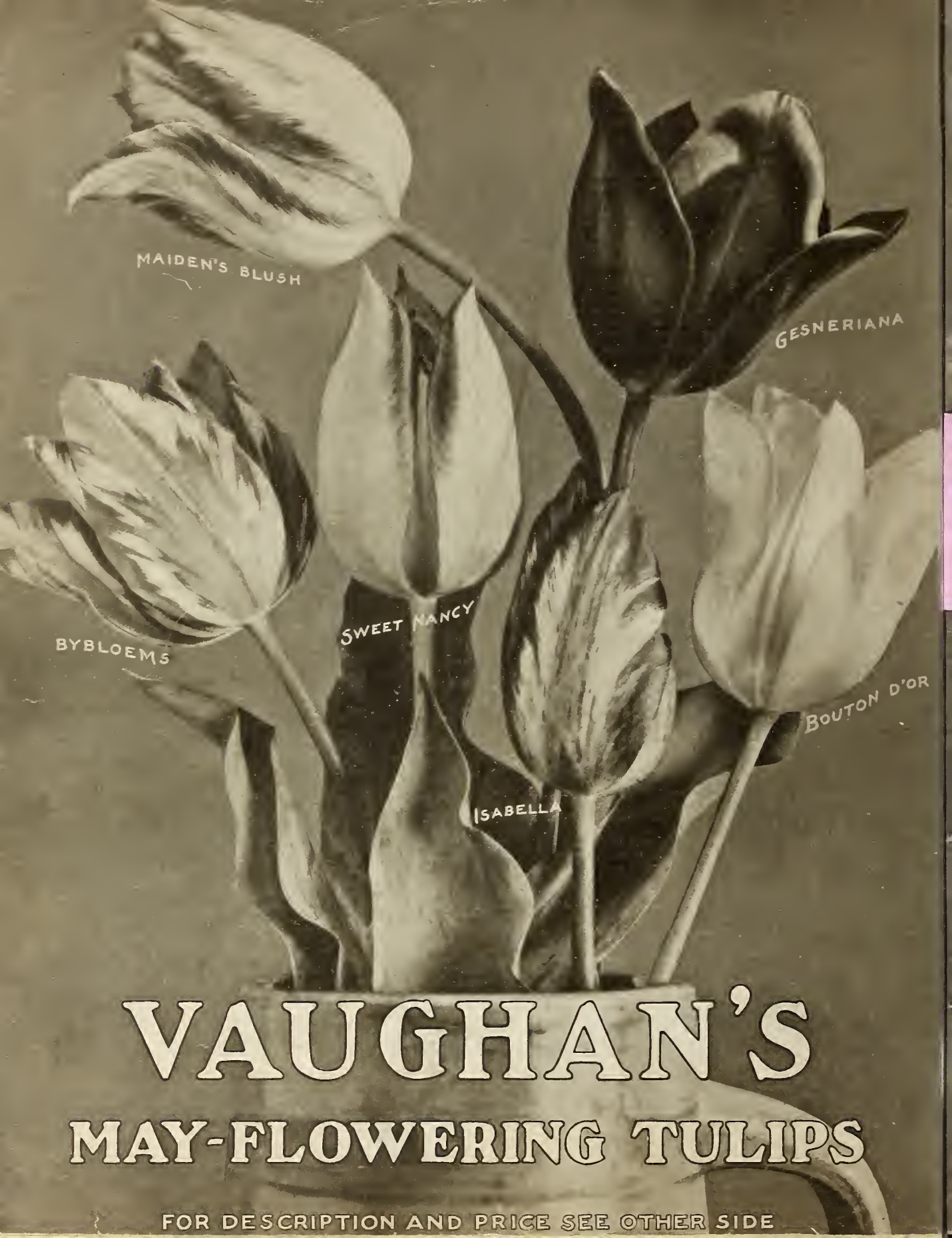
Isabella. A beautiful variety with large handsome flowers carried on long stems. Color of flower is primrose flushed rose, changing to a beautiful rose-carmine. 5 cts. each, 50 cts. per doz, $2.50 per 100, $20 per 1,000.

Malden's Blush. A long-shaped flower; pure white, with beautifully recurved petals margined rose, borne on long, graceful stems. 5 cts. each, 50 cts. per doz., $2.50 per 100, $20 per 1,000.

Sweet Nancy. Pure white, margined and penciled on the edges with pink. 6 cts. each, 60 cts. per doz., $3.50 per 100.

Special Offer "O." 100 each of the above seven May-flowering Tulips, enough to make a splendid showing, for **$10, by express at purchaser's expense. One-half the collection for $6.**

Vaughan's May-flowering Tulip Mixture. This mixture contains all of the above-named sorts and many other new and rare varieties. We mix it ourselves and know just what it contains. The result from a planting of 100 bulbs will be dazzling, and we strongly advise our customers to order at least this many bulbs. 35c. per doz., 60c. for 25, $2 per 100, $4.50 for 250, $16 per 1,000.



VAUGHAN'S

MAY-FLOWERING TULIPS

FOR DESCRIPTION AND PRICE SEE OTHER SIDE